Precision is our business

English / Italiano

FORESTADENT®
GERMAN PRECISION IN ORTHODONTICS

Profilo dell'Azienda

Forestadent nasce nel 1907, fondata da Bernhard Förster, un tecnico altamente qualificato, che si era fatto una grande reputazione nell'azienda in cui lavorava, per la sua capacità di riuscire al tornio ad ottenere dei pezzi con una precisione tale da sfiorare la precisione teorica.

Di fronte a tanta abilità il suo datore di lavore, pur sapendo di crearsi un temibile concorrente, decise di prestargli i soldi necessari all'avvio di una attività indipendente.

La prima attività fu quella di mettere a punto piccole macchine per le operazioni di rifinitura su articoli di gioielleria, alla quale fece seguito la progettazione di attrez- zature di micromeccanica che, una volta realizzate, consentirono a Bernhard Förster di avviare la produzione prima di ingranaggi per orologeria e successivamente di moduli completi che poi sono quelli i nostri nonni hanno portato al polso o nei taschini sotto nomi prestigiosissimi. La leggenda narra inoltre che quei nomi prestigiosi fecero di tutto per evitare che Bernhard Förster si mettesse a produrre orologi con proprio marchio e ciò con contratti vantaggiosissimi che prevedevano patti di non concorrenza per tempi lunghissimi.

Le limitazioni che queste condizioni ponevano misero un freno alle ambizioni del Nostro che incominciò a guardarsi intorno alla ricerca di settori di applicazione nel quale le sue macchine di produzione e la sua tradizione di precisione potesse essere di aiuto ad una più ampia fascia di popolazione. Nascono così le prime microviti, immediatamente accettate da dentisti e ortopedici, che incominciano a portare in giro per il mondo il nome della nuova Forestadent.

Oggi, dopo 30 anni, e sempre saldamente nelle mani della famiglia, Forestadent è presente sul mercato mondiale con più di 240 brevetti originali. La produzione avviene sempre nello stabilimento di Pforzheim, rinato sulle rovine del primo insediamento danneggiato dagli eventi bellici.

Premiata con i più prestigiosi certificati, la FORESTADENT di oggi continua a proporre al mondo ortodontico il messaggio di innovazione e precisione che furono il Credo di Bernhard Förster.

Company profile

FORESTADENT Bernhard Förster GmbH was founded by Mr. Bernhard Förster in Pforzheim, Germany in 1907.

The company manufactured various types of jewellery components for the jewellery industry and also for 40 years manufactured a line of watch movements, which eventually was replaced by a complete new production line in 1974 manufacturing orthodontic materials under the registered trademark „FORESTADENT" for fixed and removable appliances.

Due to critical tolerances in watch manufacturing, the company has achieved an excellent knowledge in precision engineering. This knowledge led to a high reputation for quality and precision throughout the world for its first rate line of orthodontic materials.

FORESTADENT has more than 30 years of experience in research and development of orthodontic products. In addition the company has acquired more than 240 international patents. These products are distributed to over 70 countries throughout the world and the production plant is located in Pforzheim, Germany.

The Quality Management System of FORESTADENT fulfills the requirements of the legal regulations of the Medical Device Directions and international standards: 92/43 EWG, DIN EN ISO 9001, DIN EN ISO 13485.

FORESTADENT®
GERMAN PRECISION IN ORTHODONTICS

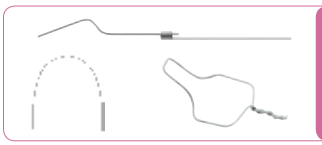
Index - Indice

1 *Self-ligating brackets – Vestibular and lingual*
Attacchi autoleganti – vestibolari e linguali

2 *Metal brackets*
Attacchi metallici

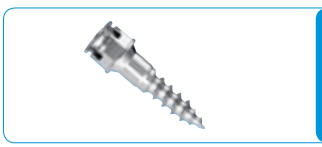
3 *Aesthetic materials*
Attacchi estetici

4 *Bands and buccal tubes*
Bande e tubi buccali



5 *Wires, arches and preformed wire accessories and special products*
Fili, archi e accessori preformati e prodotti speciali

6 *Intra + Extra Oral*



7 *Cortical Anchorage*
Ancoraggio corticale

8 *Expansions Screws, laboratory supplies and Class II + III Appliances*
Viti di espansione, prodotti per laboratorio e dispositivi di Classe II e III

9 *Pliers, instruments and accessories*
Pinze, strumenti e accessori

10 *Poster, advertising material and models*
Poster, materiale pubblicitario e modelli

11 *Service - Materials for ni-free treatment, Analysis of materials, Index*
Servizi - Materiali per trattamenti anallergici (senza nichel),
Analyse des matériaux, index numérique

*Bracket Systems**

MAXILLARY

System	1 | 1		2 | 2		3 | 3			4 | 4			5 | 5			6 | 6			7 | 7		
	Torque	Tip	Torque	Tip	Torque	Tip	Rotat.	Torque	Tip	Rotat.	Torque	Tip	Rotat.	Torque	Tip	Rotat.	Torque	Tip	Rotat.
QuicKlear Roth, BioQuick Roth	+12	+5	+8	+9	-2	+11	4	-7	0	2	-7	0	2	-14	0	12	-14	0	12
Sprint, Mini Sprint Roth, Micro Sprint Roth	+12	+5	+8	+9	-2	+11	4	-7	0	2	-7	0	2	-14	0	14	-14	0	14
Mini-Mono Roth	+12	+5	+8	+9	-2	+13/+9	4	-7	0	2	-7	0	2	-14	0	14	-14	0	14
QuicKlear-, BioQuick McLaughlin/Bennett/Trevisi	+17	+4	+10	+8	-7	+8	0	-7	0	0	-7	0	0	-14	0	12	-14	0	12
McLaughlin/Bennett/Trevisi	+17	+4	+10	+8	-7	+8	0	-7	0	0	-7	0	0	-14	0	10	-14	0	10
Roncone	+19	+5	+10	+8	0	+8	0	-10	+4	2	-10	4	2	-20	0	20	-17	0	12
Alexander	+14	+5	+7	+8	-3	+10	0	-7	0	0	-7	0	0	-10	0	15	-10	0	6
Hilgers	+22	+5	+14	+8	+7	+10	0	-7	0	0	-7	0	0	-10	0	15	-10	0	12
Standard-Ricketts	+22	0	+14	+8	+7	+5	0	0	0	0	0	0	0	0	0	0	0	0	0
Standard-Edgewise	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANDIBULAR

System	1 | 1		2 | 2		3 | 3			4 | 4			5 | 5			6 | 6			7 | 7		
	Torque	Tip	Torque	Tip	Torque	Tip	Rotat.	Torque	Tip	Rotat.	Torque	Tip	Rotat.	Torque	Tip	Rotat.	Torque	Tip	Rotat.
QuicKlear Roth, BioQuick Roth	0	0	0	0	-11	+7	2	-17	0	4	-22	0	4	-20	0	2	-20	0	2
Sprint, Mini Sprint Roth, Micro Sprint Roth	0	0	0	0	-10	+7	2	-17	0	4	-22	0	4	-30	-1	4	-30	0	4
Mini-Mono Roth	0	0	0	0	-11	+7	2	-17	0	4	-22	0	4	-30	-1	4	-30	0	4
QuicKlear-, BioQuick McLaughlin/Bennett/Trevisi	-6	0	-6	0	-6	+3	0	-12	+2	0	-17	+2	0	-20	0	2	-20	0	2
McLaughlin/Bennett/Trevisi	-6	0	-6	0	-6	+3	0	-12	+2	0	-17	+2	0	-20	0	0	-10	0	0
Roncone	+2	0	+2	0	-3	+5	0	-7	+2	2	-10	+2	2	-13	0	4	-10	0	0
Alexander	-5	0	-5	0	-7	+6	0	-11	0	0	-17	0	0	-22	+6	5	-27	0	6
Hilgers	0	0	0	0	+7	+5	0	-11	0	0	-17	0	0	-27	+5	12	-27	0	12
Standard-Ricketts	0	0	0	0	+7	+5	0	0	0	0	0	0	0	0	0	0	0	0	0
Standard-Edgewise	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Repeat order 10 pcs. per bracket type (except ceramic brackets)/Attacchi singoli in confezioni da 10 pezzi (eccetto ceramic brackets).

*The FORESTADENT version of these prescriptions are not claimed to be a duplication of any other, nor does Forestadent imply that it is endorsed in any way by the doctor.
*L'applicazione Forestadent di queste tecniche non costituisce copia di altre, così come Forestadent non conferma che le stesse siano state sottoscritte dagli inventori.

The FORESTADENT Systems
Le prescrizioni ortodontiche FORESTADENT

Over the years, a variety of prescriptions have become established in orthodontics, the most widely-used of which are probably the Roth and the McLaughlin/Bennett/Trevisi systems. All our brackets are of course available in both of these systems. However, as an innovative company, we know that development is an ongoing process, which is why our range also includes a number of unusual systems such as the SWING philosophy and the Roncone prescription, as well as our first proprietary prescription SMILE^{Rx}.

Nel corso degli anni, in ortodonzia si sono affermate diverse tecniche, fra le quali probabilmente le più diffuse sono quelle Roth e McLaughlin/ Bennett/Trevisi. Naturalmente tutti i nostri attacchi sono disponibili in entrambi questi sistemi. Tuttavia, la nostra è un'azienda innovativa e come tale sviluppa autonomamente nuovi prodotti. Per questo motivo, offriamo anche sistemi originali, come la filosofia SWING, la prescrizione del Dr. Roncone e la nostra prima prescrizione originale e proprietaria, SMILE^{Rx}.

SMILE^{Rx}

The SMILE prescription has been developed in collaboration with clinicians. Based on the findings of Prof. Björn Zachrisson, this prescription focuses on the reduction of buccal corridors. This is achieved not as a result of dental expansion but rather by straightening the premolars in a natural fashion using 0° torque brackets. A significant advantage of this prescription is that it provides an intelligent combination of proven systems and can be implemented without specific prior knowledge. SMILE^{Rx} is currently available for BioQuick and QuicKlear.

SMILE^{Rx}

La tecnica SMILE è stata sviluppata in strettissima collaborazione con i clinici. Basata sugli studi del Prof. Björn Zachrisson, questa prescrizione si prefigge l'eliminazione dei corridoi buccali ("triangoli neri"). Questo obiettivo, tuttavia, non si ottiene tramite espansione dentale, bensì attraverso un fisiologico raddrizzamento dei premolari usando attacchi a torque di 0°. Questa tecnica ha il vantaggio di fondarsi su esperienze maturate con prescrizioni consolidate e di non richiedere quindi particolari conoscenze di base. SMILE^{Rx} è attualmente disponibile per BioQuick e QuicKlear.

The SWING philosophy

SWING, developed by Dr. Javier Frenck, is more of a treatment philosophy than an actual prescription. The basic idea of SWING is that by applying the same treatment in similar cases of malocclusion, the same result can always be achieved. In special SWING training courses, Dr. Frenck teaches a greatly simplified approach to diagnostics, on the basis of which a limited selection of parameters can be used to systematically derive the optimum treatment with predictable results. For this philosophy, a SWING system is available for BioQuick, QuicKlear and Mini Sprint brackets as well as for custom archwires.

La filosofia SWING

Sviluppata dal Dr. Javier Frenck, SWING è più una filosofia di trattamento che una prescrizione ortodontica. La filosofia SWING si basa sul concetto che trattando malocclusioni analoghe con lo stesso piano di trattamento, si otterranno sempre risultati simili. Nei suoi corsi di fi losofi a SWING, il Dr. Frenck insegna un approccio diagnostico molto semplice grazie al quale, utilizzando un numero limitato di parametri, si possono impostare trattamenti che garantiranno sempre risultati ottimi e predicibili. Per questa filosofia è disponibile un sistema SWING per attacchi BioQuick, QuicKlear e Mini Sprint, oltre a speciali archi ortodontici.

The Roncone prescription

Dr. Ronald Roncone developed his prescription based on a concept that he refers to as "Simplified Aesthetics". Dr. Roncone uses active brackets to achieve a highly aesthetic and stable result without using slot-filling techniques. This enables particularly gentle treatment, and as a result, enhanced patient comfort.

La tecnica del Dr. Roncone

Il Dr. Ronald Roncone ha sviluppato la propria tecnica basata sul concetto di "Simplified Aesthetics" (estetica semplificata). Il Dr. Roncone utilizza attacchi attivi per ottenere un risultato stabile e altamente estetico, senza ricorrere mai ad archi a pieno spessore. Il trattamento è quindi particolarmente delicato e offre il massimo comfort per il paziente.

Selfligating Brackets – vestibular and lingual
Attacchi autoleganti – vestibolari e linguali

QuicKlear®-Brackets – invisible and fast – a new quality of beauty
QuicKlear®-Brackets – invisibili e veloci – la bellezza in una nuova forma

2nd Generation

In creating the 2nd generation of QuicKlear® bracket, Forestadent have been able to further enhance the ceramic version of the well-established Quick-System. Owing to the new type of surface conditioning, the metal clip now looks dull rather than shining to ensure that it is much more inconspicuous. The edges of the brackets and slots have been rounded much more to reduce friction and increase patient comfort noticeably.

Forestadent, con la II generazione dei bracket QuicKlear® ha ulteriormente perfezionato la versione estetica del sistema BioQuick®. Grazie al nuovo trattamento superficiale, la clip ora è antiriflesso ed offre perfetto mimetismo. I bordi dell'attacco sono ancora più smussati per ridurre la frizione ed aumentare il confort del paziente.

The QuicKlear® is an active bracket. It features the proven and familiar closing mechanism of the Quick bracket systems to allow for short chairside times. Its outstanding aesthetics promise a natural smile. Ideal conditions for satisfying patients. QuicKlear® brackets are now available for the mandible, too.

QuicKlear® è un attacco interattivo. Vanta lo stesso sistema di legatura di BioQuick® che riduce i tempi alla poltrona. La sua estetica perfetta garantisce un sorriso naturale. Caratteristiche ottimali per soddisfare tutti i pazienti.

The inverse formed hook style base with bevels and a diametrically shifted hole retention provides a pure mechanical retention. Therefore, the QuicKlear® bracket not only provides for excellent bond strength on the tooth, but can also be debonded trouble-free following treatment. Enamel chipping is prevented as most of the adhesive remains on the tooth after debonding.

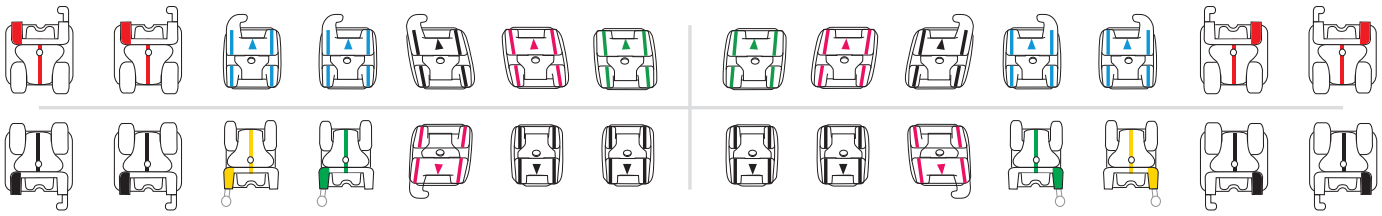
La base con sottosquadri rivolti all'interno e bordi sagomati offre ritenzione esclusivamente meccanica. Quindi, QuicKlear® offre un'impeccabile ritenzione e al termine della terapia si distacca facilmente, poiché non vi sono parti in ceramica che possano trattenere adesivo. Lo smalto non si potrà danneggiare poiché l'adesivo rimarrà sul dente dopo il distacco.

QuicKlear®-Brackets

Roth System

Info
N° 189

Colour-marks



Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+12°	+5°	1,0	–	C731-0103	C730-0103	C731-0101	C730-0101
2 Laterals	+8°	+9°	1,5	–	C731-0203	C730-0203	C731-0201	C730-0201
3 Cuspids + hook	-2°	+11°	0,9	4° distal	C731-0313	C730-0313	C731-0311	C730-0311
4 Bicuspids	-7°	0°	0,9	2° mesial	C731-0503	C730-0503	C731-0501	C730-0501
4 Bicuspids + hook	-7°	0°	0,9	2° mesial	C731-0513	C730-0513	C731-0511	C730-0511
5 Bicuspids	-7°	0°	0,9	2° mesial	C731-0503	C730-0503	C731-0501	C730-0501
5 Bicuspids + hook	-7°	0°	0,9	2° mesial	C731-0513	C730-0513	C731-0511	C730-0511
6 1st Molar + hook	-14°	0°	–	–	731-0713	730-0713	731-0711	730-0711
7 2nd Molar + hook	-14°	0°	–	–	731-0713	730-0713	731-0711	730-0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	0°	0°	1,6	–	C730-1203	C730-1203	C730-1201	C730-1201
2 Laterals	0°	0°	1,6	–	C730-1203	C730-1203	C730-1201	C730-1201
3 Cuspids + hook	-11°	+7°	1,3	2° mesial	C731-1413	C730-1413	C731-1411	C730-1411
4 Bicuspids	-17°	0°	1,2	4° distal	731-1503	730-1503	731-1501	730-1501
4 Bicuspids + hook	-17°	0°	1,2	4° distal	731-1513	730-1513	731-1511	730-1511
5 Bicuspids	-22°	0°	1,2	4° distal	731-1603	730-1603	731-1601	730-1601
5 Bicuspids + hook	-22°	0°	1,2	4° distal	731-1613	730-1613	731-1611	730-1611
6 1st Molar + hook	-20°	0°	–	–	731-1713	730-1713	731-1711	730-1711
7 2nd Molar + hook	-20°	0°	–	–	731-1713	730-1713	731-1711	730-1711

Cases | Casi

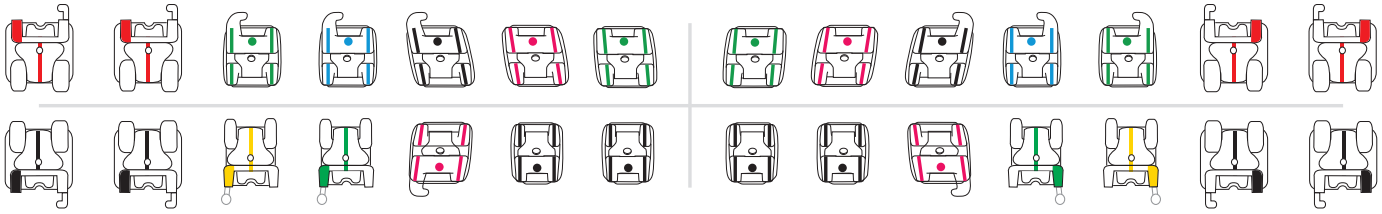
Variation	QuicKlear®	BioQuick®	Slot .018"		Slot .022"	
Cases			1	3	1	3
Maxillary	1-2 + 3					
Mandibular	1-2 + 3	4-5				
Maxillary	1-2 + 3-5		C706-1078	C706-1079	C706-1082	C706-1083
Mandibular	1-2 + 3	4-5				
Maxillary	1-2 + 3-5		C706-1080	C706-1081	C706-1084	C706-1085
Mandibular	1-2 + 3	4-5				

QuicKlear®-Brackets

McLaughlin/Bennett/Trevisi System

Info
N° 189

Colour-marks



Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+17°	+4°	1,1	–	C733-0103	C732-0103	C733-0101	C732-0101
2 Laterals	+10°	+8°	1,5	–	C733-0203	C732-0203	C733-0201	C732-0201
3 Cuspids + hook	-7°	+8°	0,9	–	C733-0313	C732-0313	C733-0311	C732-0311
4 Bicuspids	-7°	0°	0,9	–	C733-0403	C732-0403	C733-0401	C732-0401
Bicuspids + hook	-7°	0°	0,9	–	C733-0413	C732-0413	C733-0411	C732-0411
5 Bicuspids	-7°	0°	1,3	–	C733-0503	C732-0503	C733-0501	C732-0501
Bicuspids + hook	-7°	0°	1,3	–	C733-0513	C732-0513	C733-0511	C732-0511
6 1st Molar + hook	-14°	0°	–	–	731-0713	730-0713	731-0711	730-0711
7 2nd Molar + hook	-14°	0°	–	–	731-0713	730-0713	731-0711	730-0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	-6°	0°	1,6	–	C732-1203	C732-1203	C732-1201	C732-1201
2 Laterals	-6°	0°	1,6	–	C732-1203	C732-1203	C732-1201	C732-1201
3 Cuspids + hook	-6°	+3°	1,3	–	C733-1413	C732-1413	C733-1411	C732-1411
4 Bicuspids	-12°	+2°	1,2	–	733-1503	732-1503	733-1501	732-1501
Bicuspids + hook	-12°	+2°	1,2	–	733-1513	732-1513	733-1511	732-1511
5 Bicuspids	-17°	+2°	1,2	–	733-1603	732-1603	733-1601	732-1601
Bicuspids + hook	-17°	+2°	1,2	–	733-1613	732-1613	733-1611	732-1611
6 1st Molar + hook	-20°	0°	–	–	731-1713	730-1713	731-1711	730-1711
7 2nd Molar + hook	-20°	0°	–	–	731-1713	730-1713	731-1711	730-1711

Cases | Casi

Variation	QuicKlear®	BioQuick®	Slot .018"		Slot .022"	
Cases			1	3	1	3
Maxillary	1-2 + 3-5		C706-0842	C706-0843	C706-0857	C706-0858
Mandibular	1-2 + 3	4-5				
Maxillary	1-2 + 3-5		C706-0847	C706-0848	C706-0862	C706-0863
Mandibular	1-2 + 3	4-5				

QuicKlear® Starter Kits

CE 0297

Roth System	Order-No.
QuicKlear® starter kit – 3 cases / casi Brackets to be specified/Kit senza attacchi	C707-3025
QuicKlear® starter kit – 6 cases / casi Brackets to be specified/Kit senza attacchi	C707-6025

CE 0297

McLaughlin/Bennett/Trevisi System	Order-No.
QuicKlear® starter kit – 3 cases / casi Brackets to be specified/Kit senza attacchi	C707-3026
QuicKlear® starter kit – 6 cases / casi Brackets to be specified/Kit senza attacchi	C707-6026

Content in all kits:
- BioStarter archwires max .012"
- BioStarter archwires man .012"
- QuicKlear model
- QuicKlear & Quick director
- QuicKlear debonding tool
- archwire director
- crimpable stops
- QuicKlear-presentation model

I kit contengono:
- Archi BioStarter superiori .012"
- Archi BioStarter inferiori .012"
- Modello QuicKlear
- Sonda apertura clip
- Strumento per debonding
- Direzionatore per archi
- Stop clampabili
- Macromodello plastico QuicKlear

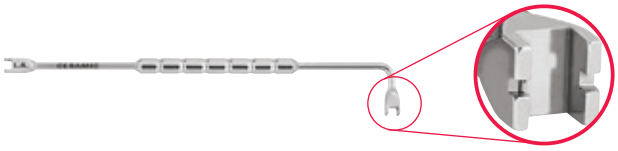
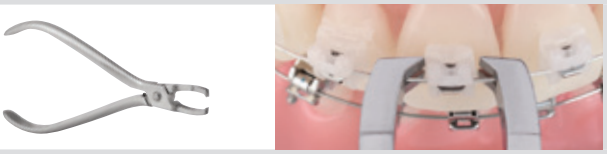
When ordering please specify brackets:
Nell'ordine, indicare:

☐ Slot .018" ☐ Slot .022"

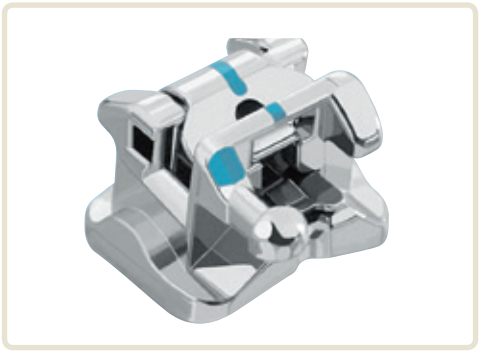
Hooks on lower premolars:
Ganci sui premolari inferiori:

☐ no ☐ yes / si

QuicKlear® Accessories / Accessori

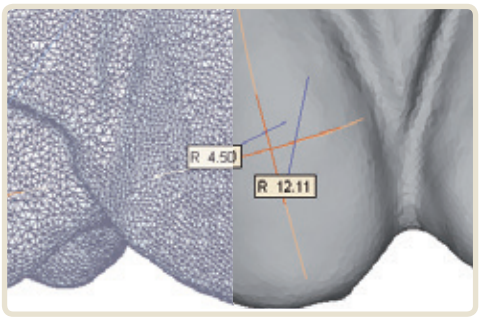
501-1843 CE		1	**Quick & QuicKlear collar style opening instrument**, double sided **Sonda collare doppia BioQuick & QuicKlear**
C501-1842 CE		1	**QuicKlear® + BioQuick® + BioPassive®** Classic opening instrument, double sided Sonda doppia standard
501-0861 CE		1	**Archwire-Director** **Sonda per archi**
C501-0815 CE		1	**Pauls-Tool** for debonding of QuicKlear® brackets Strumento rimozione attacchi QuicKlear®
C501-0828 CE		6	**QuicKlear® bracket debonding plier with notch** **Pinza rimozione attacchi QuicKlear®**
C501-0826 CE		1	**Adhesive removing bur** **Fresa rimozione adesivo**

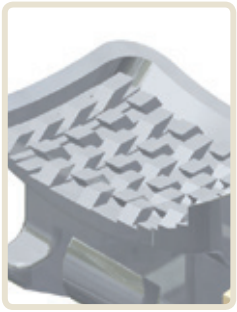
BioQuick®-Brackets – optimal bond on any shape of tooth.
BioQuick®-Brackets – adesione perfetta su ogni tipo di dente.



BioQuick® is an interactive, self-ligating metal bracket that particularly impresses because of its easy, relaxed handling. It incorporates numerous advantages and its application is not only user-friendly but also highly effective.

BioQuick® è un attacco metallico autolegante interattivo, particolarmente apprezzato per la sua comodità e maneggevolezza. I numerosi vantaggi offerti lo rendono contemporaneamente comodo per l'operatore ed efficace nella terapia.





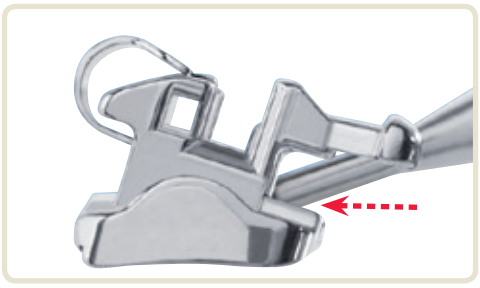
During the last few years, the engineers of FORESTADENT scanned around 4,000 teeth from all over the world using the 3D laser scan technique and examined their natural curvatures. Based on this study, which was conceived in collaboration with Dr. Björn Ludwig, we have successfully developed a new bracket base adapted to each biological situation. This anatomically contoured base adapts perfectly to the shape of the tooth crown and ensures reliable positioning of the bracket. Any "rocking" of the bracket when it is pressed onto the tooth is therefore prevented from the outset. A circumferential pad margin also prevents any adhesive flowing into the locking mechanism.*

Gli ingegneri FORESTADENT, azienda storica con sede a Pforzheim (Germania), hanno esaminato per anni oltre 4000 denti provenienti da tutto il mondo mediante scansione con laser 3D per valutarne la morfologia naturale. Grazie alle informazioni ricavate da questo studio, condotto in collaborazione con il dottor Björn Ludwig, è stato sviluppato un attacco con una base perfettamente adattabile alla forma biologica del dente. La nuova base anatomica si adatta perfettamente alla morfologia coronale ed offre un'adesione sicura, senza punti di debolezza. L'attacco aderisce al dente con tutta la sua superficie. L'innovativo bordo della base impedisce inoltre che l'adesivo penetri nella clip di legatura.*

The clip is interactive and provides more free space for archwires up to dimensions of .018" x .018" or .016" x .022" because of a support, in a similar way to passive brackets. The clip is active when larger archwires are used. If wires with the dimensions .018" x .025" (18 Slot) and .022" x .025" (22er Slot) are used, they will fill the slot.

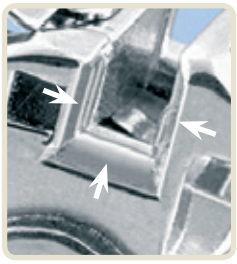
La clip interattiva offre libero movimento agli archi fino a .018" x .018" oppure .016" x .022", grazie alla maggior profondità dello slot. La clip è attiva con archi di sezione maggiore. Gli archi pari a 0.018" x 0.025" (slot da 18) e 0.022" x 0.025" (slot da 22) riempiono totalmente lo slot.

*Björn Ludwig Traben-Trarbach/University Homburg/Saar, Germany et al.: Self-ligating bracket concept and treatment, Chapter 2.
*Björn Ludwig Traben-Trarbach /Università Homburg/Saar et al: "Brackets autoleganti in Ortodontia". Capitolo 2.



The clip has two different opening mechanisms. You can either open it from vestibular or from gingival. A reinforced clip reduces unintended deformation through incorrect opening. When the clip is opened gingivally a notch on the pad margin guides the probe automatically to the clip. The clip is closed in the standard way by applying gentle finger pressure.

La clip di chiusura può essere aperto con due meccanismi diversi operando sul lato vestibolare o gengivale. Il gancio è rinforzato per evitare distorsioni in caso di manovre di apertura non appropriate. Aprendo il gancio con una sonda sul lato gengivale, la scanalatura presente sul bordo del pad guida lo strumento automaticamente verso la clip. Per chiudere basta spingere delicatamente con il dito, come di consueto.



Well rounded bracket and slot edges as well as contact ribs in the bracket slot ensure controlled force transfer with minimal friction. BioQuick® brackets display their full potential particularly in clinical situations with pronounced vertical archwire deflection, e.g. in the case of displaced canines. Binding and notching, which often occurs with conventional brackets, is prevented by four ribs within the slot. As the archwire only rests on two contact points in this case, it has greater clearance and therefore ensures friction-free sliding. This in turn accelerates integration of the canines.

I bordi finemente arrotondati dello slot e dell'attacco e lo slot a 4 punti di contatto offrono un trasferimento della forza con minima frizione. Specialmente nei casi clinici con forte slivellamento verticale (ad esempio nei canini ectopici), gli attacchi BioQuick® offrono le migliori prestazioni. I tipici effetti di binding e notching, frequenti con gli attacchi convenzionali, sono improbabili con BioQuick® grazie allo slot a 4 punti di contatto. Scorrendo su due soli punti di contatto, l'arco a sezione rotonda dispone di maggiore spazio di lavoro e quindi può scorrere con minore frizione. Questo si traduce in minore tempi di allineamento dei canini.

The molar bracket of the BioQuick® system offers enormous advantages when changing the archwire. The awkward threading of the archwire into standard molar tubes is no longer required. Distal bending of the archwire can now be completed extraorally. The design of the BioQuick® molar brackets is the same as that of the anterior BioQuick® brackets. The archwires are placed easily in the bracket slot when the clip is open and are ligated simply by pressing the clip.

Il nuovo attacco molare Bio-Quick® si rivela particolarmente comodo quando si cambiano gli archi. Non è più necessario inserire l'arco nei tubi e la piega distale può essere effettuata in sede extraorale. Gli attacchi molari BioQuick® sono del tutto simili agli altri attacchi BioQuick®. Con la clip aperta, gli archi possono essere comodamente inseriti negli slot. Per legarli è sufficiente chiudere la clip.

The orthodontist can choose between three options of the BioQuick® molar brackets: one with the unique hook-style base; one with a custom weld onto the unique Big Foot pad or a custom weld on a traditional molar band.

Gli attacchi per molari BioQuick® sono disponibili in 3 versioni: con base convenzionale, su Big Foot Pad o da puntare alle bande.

BioQuick® Starter Kits

*Roth-System**

Slot .018“

Cases/casi	5	10
	707-1018	707-1118
3	707-1019	707-1119
3-5	707-1020	707-1120

Slot .022“

Cases/casi	5	10
	707-1022	707-1122
3	707-1023	707-1123
3-5	707-1024	707-1124

Additional content in every starter-kit:
- 1 Quick-director
- 1 Archwire director
- 1 pack BioStarter archwires .012“ (5 max. & 5 mand.)
- 1 pack crimpable stops (50 pcs)
- 1 Typodont max./mand.
- 1 presentation-model, plastic (10:1)
- 1 CD-ROM with user-information
- patient-flyers for the waiting room

*McLaughlin/Bennett/Trevisi-System**

Slot .018“

Cases/casi	5	10
	707-1025	707-1125
3	707-1026	707-1126
3-5	707-1027	707-1127

Slot .022“

Cases/casi	5	10
	707-1028	707-1128
3	707-1029	707-1129
3-5	707-1030	707-1130

Gli Starter Kit 1 e 2 contengono inoltre:
- 1 sonda speciale Quick
- 1 sonda per archi
- 1 confezione archi BioStarter .012“ (5 max. & 5 mand.)
- 1 confezione crimpable stops (50 pezzi)
- 1 Typodont max./mand.
- 1 macromodello (10:1)
- 1 CD-ROM
- brochure per il paziente

BioQuick® Refill Kits

*Roth-System**

Slot .018“

Cases/casi	5	10	20
	707-5058	707-5018	707-5518
3	707-5059	707-5019	707-5519
3-5	707-5050	707-5020	707-5520

Slot .022“

Cases/casi	5	10	20
	707-5152	707-5022	707-5522
3	707-5153	707-5023	707-5523
3-5	707-5154	707-5024	707-5524

Additional content – 5 Case-Refill-Kit
- 1 Quick-director
- BioStarter archwires .012” and .016”, max. + mand., 1 pack each
- 50 pcs. crimpable stops

Additional content – 10 Case-Refill-Kit
- 2 Quick-directors
- BioStarter archwires .010” and .016”, max. + mand.,1 pack each
- 50 pcs. crimpable stops

Additional content – 20 Case-Refill-Kit
- 3 Quick-directors
- BioStarter archwires .010”, .012”, .016”, max. + mand., 1 pack each
- BioTorque archwires .016”x.022” max. + mand., 1 pack each
- 100 pcs. crimpable stops

*McLaughlin/Bennett/Trevisi-System**

Slot .018“

Cases/casi	5	10	20
	707-5055	707-5025	707-5525
3	707-5056	707-5026	707-5526
3-5	707-5057	707-5027	707-5527

Slot .022“

Cases/casi	5	10	20
	707-5158	707-5028	707-5528
3	707-5159	707-5029	707-5529
3-5	707-5150	707-5030	707-5530

Gli 5 casi-Refill-Kit contengono inoltre
- 1 sonda speciale Quick
- archi BioStarter .012” and .016”, max. + mand. (1 conf. per tipo.)
- 50 crimpable stops

Gli 10 casi-Refill-Kit contengono inoltre
- 2 sonda speciale Quick
- archi BioStarter .010” and .016”, max. + mand. (1 conf. per tipo.)
- 50 crimpable stops

Gli 20 casi-Refill-Kit contengono inoltre
- 3 sonda speciale Quick
- archi BioStarter .010”, .012”, .016”, max. + mand., (1 conf. per tipo.)
- archi BioTorque .016”x.022” max. + mand.
- 100 crimpable stops

SMILE System Starter Kits

SMILE System – BioQuick® & BioPassive®	Order-No.
SMILE^{RX} Starter kit – 3 cases / casi Brackets to be specified/attacchi da scegliere	707-5060
SMILE^{RX} Starter kit – 6 cases / casi Brackets to be specified/attacchi da scegliere	707-5061

Content in all kits:
- BioStarter archwires max .012"
- BioStarter archwires man .012"
- SMILE^{RX} Typodont
- Quick director
- archwire director
- crimpable stops
- Quick presentation model
- Archwire template

I kit contengono:
- Archi BioStarter superiori .012"
- Archi BioStarter inferiori .012"
- SMILE^{RX} Typodont
- Sonda apertura clip
- Direzionatore per archi
- Stop clampabili
- Macromodello plastico Quick
- Template per archi

When ordering please specify brackets:
Nell'ordine, indicare:

☐ Slot .018" ☐ Slot .022"

Hooks on premolars:
Ganci sui premolari:

☐ no ☐ yes / si

SMILE System BioQuick®, BioPassive® & QuicKlear®	Order-No.
SMILE^{RX} Starter kit – 3 cases / casi Brackets to be specified/attacchi da scegliere	C707-3027
SMILE^{RX} Starter kit – 6 cases / casi Brackets to be specified/attacchi da scegliere	C707-6027

Content in all kits:
- BioStarter archwires max .012"
- BioStarter archwires man .012"
- SMILE^{RX} QuicKlear Typodont
- QuicKlear & Quick director
- archwire director
- crimpable stops
- QuicKlear-presentation model
- Archwire template

I kit contengono:
- Archi BioStarter superiori .012"
- Archi BioStarter inferiori .012"
- SMILE^{RX} Typodont QuicKlear
- Sonda apertura clip
- Direzionatore per archi
- Stop clampabili
- Macromodello plastico QuicKlear
- Template per archi

When ordering please specify brackets:
Nell'ordine, indicare:

☐ Slot .018" ☐ Slot .022"

Hooks on premolars:
Ganci sui premolari:

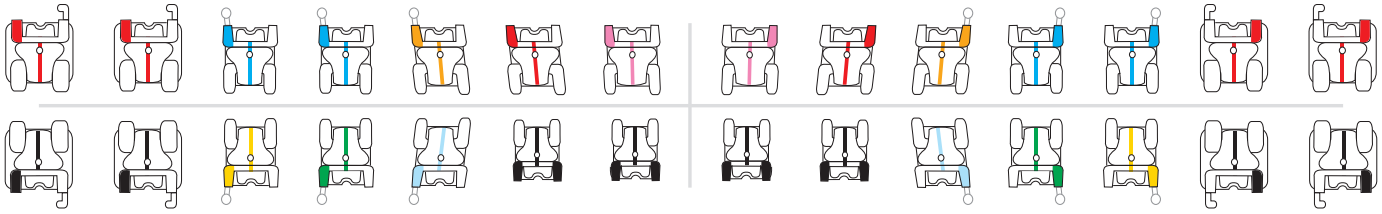
☐ no ☐ yes / si

BioQuick® – active self-ligating brackets
BioQuick® – attacchi autoleganti attivi

Info
N° 186

Roth System

Colour-marks



BioQuick® Brackets Roth System

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+12°	+5°	0,8	–	731-0103	730-0103	731-0101	730-0101
2 Laterals	+8°	+9°	1,3	–	731-0203	730-0203	731-0201	730-0201
3 Cuspids	-2°	+11°	0,8	4° mesial	731-0303	730-0303	731-0301	730-0301
Cuspids + hook	-2°	+11°	0,8	4° mesial	731-0313	730-0313	731-0311	730-0311
4 Bicuspids	-7°	0°	0,9	2° mesial	731-0503	730-0503	731-0501	730-0501
Bicuspids + hook	-7°	0°	0,9	2° mesial	731-0513	730-0513	731-0511	730-0511
5 Bicuspids	-7°	0°	0,9	2° mesial	731-0503	730-0503	731-0501	730-0501
Bicuspids + hook	-7°	0°	0,9	2° mesial	731-0513	730-0513	731-0511	730-0511
6 1st Molar + hook	-14°	0°	–	–	731-0713	730-0713	731-0711	730-0711
7 2nd Molar + hook	-14°	0°	–	–	731-0713	730-0713	731-0711	730-0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	0°	0°	1,4	–	730-1203	730-1203	730-1201	730-1201
2 Laterals	0°	0°	1,4	–	730-1203	730-1203	730-1201	730-1201
3 Cuspids	-11°	+7°	1,2	2° mesial	731-1403	730-1403	731-1401	730-1401
Cuspids + hook	-11°	+7°	1,2	2° mesial	731-1413	730-1413	731-1411	730-1411
4 Bicuspids	-17°	0°	1,2	4° mesial	731-1503	730-1503	731-1501	730-1501
Bicuspids + hook	-17°	0°	1,2	4° mesial	731-1513	730-1513	731-1511	730-1511
5 Bicuspids	-22°	0°	1,2	4° mesial	731-1603	730-1603	731-1601	730-1601
Bicuspids + hook	-22°	0°	1,2	4° mesial	731-1613	730-1613	731-1611	730-1611
6 1st Molar + hook	-20°	0°	–	–	731-1713	730-1713	731-1711	730-1711
7 2nd Molar + hook	-20°	0°	–	–	731-1713	730-1713	731-1711	730-1711

Cases | Casi

Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706-0971	706-0972	706-0973	706-0986	706-0987	706-0988
With hook 3	706-0976	706-0977	706-0978	706-0991	706-0992	706-0993
With hook 3-5	706-0981	706-0982	706-0983	706-0996	706-0997	706-0998

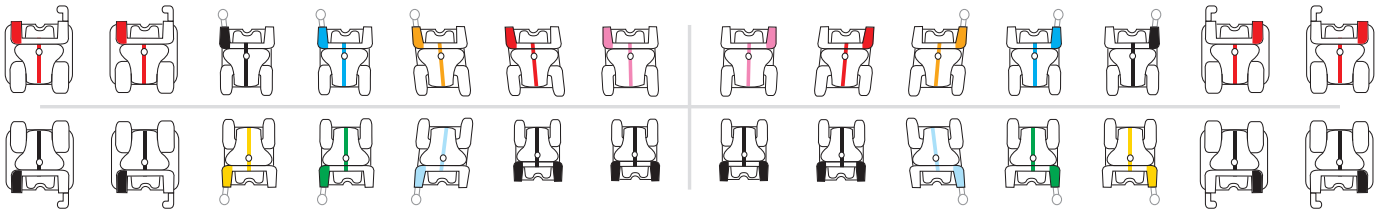
Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

BioQuick® – active self-ligating brackets
BioQuick® – attacchi autoleganti attivi

Info
N° 191

McLaughlin/Bennett/Trevisi System

Colour-marks



BioQuick® Brackets McLaughlin/Bennett/Trevisi System

Maxillary CE 0297					Slot .018"		Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Right	Left
1	Centrals	+17°	+4°	0,8	–	733-0103	732-0103	733-0101	732-0101
2	Laterals	+10°	+8°	1,3	–	733-0203	732-0203	733-0201	732-0201
3	Cuspids	-7°	+8°	0,8	–	733-0303	732-0303	733-0301	732-0301
	Cuspids + hook	-7°	+8°	0,8	–	733-0313	732-0313	733-0311	732-0311
4	Bicuspids	-7°	0°	0,9	–	733-0403	732-0403	733-0401	732-0401
	Bicuspids + hook	-7°	0°	0,9	–	733-0413	732-0413	733-0411	732-0411
5	Bicuspids	-7°	0°	1,3	–	733-0503	732-0503	733-0501	732-0501
	Bicuspids + hook	-7°	0°	1,3	–	733-0513	732-0513	733-0511	732-0511
6	1st Molar + hook	-14°	0°	–	–	731-0713	730-0713	731-0711	730-0711
7	2nd Molar + hook	-14°	0°	–	–	731-0713	730-0713	731-0711	730-0711

Mandibular CE 0297					Slot .018"		Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Right	Left
1	Centrals	-6°	0°	1,4	–	732-1203	732-1203	732-1201	732-1201
2	Laterals	-6°	0°	1,4	–	732-1203	732-1203	732-1201	732-1201
3	Cuspids	-6°	+3°	1,2	–	733-1403	732-1403	733-1401	732-1401
	Cuspids + hook	-6°	+3°	1,2	–	733-1413	732-1413	733-1411	732-1411
4	Bicuspids	-12°	+2°	1,2	–	733-1503	732-1503	733-1501	732-1501
	Bicuspids + hook	-12°	+2°	1,2	–	733-1513	732-1513	733-1511	732-1511
5	Bicuspids	-17°	+2°	1,2	–	733-1603	732-1603	733-1601	732-1601
	Bicuspids + hook	-17°	+2°	1,2	–	733-1613	732-1613	733-1611	732-1611
6	1st Molar + hook	-20°	0°	–	–	731-1713	730-1713	731-1711	730-1711
7	2nd Molar + hook	-20°	0°	–	–	731-1713	730-1713	731-1711	730-1711

Cases | Casi CE 0297

Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706-0837	706-0838	706-0839	706-0852	706-0853	706-0854
With hook 3	706-0842	706-0843	706-0844	706-0857	706-0858	706-0859
With hook 3-5	706-0847	706-0848	706-0849	706-0862	706-0863	706-0864

Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

BioQuick® – active self-ligating brackets. Cases with molar-brackets.
BioQuick® – attacchi autoleganti attivi. Casi con attacco molare.

CE 0297

BioQuick® Universal molar-brackets

MAX. / 6 – 7 (10 pcs./pack, 10 pezzi per confezione)

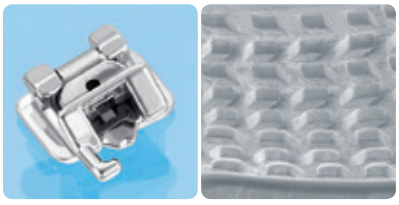
Slot	right / destra	left / sinistra
.018“	731-0713	730-0713
.022“	731-0711	730-0711

Torque -14° Rotation 12°

MAN. / 6 – 7 (10 pcs./pack, 10 pezzi per confezione)

Slot	right / destra	left / sinistra
.018“	731-1713	730-1713
.022“	731-1711	730-1711

Torque -20° Rotation 2°



With hook style bracket base and hook.
Con gancio e base con ritenzioni 3D.

Also available on pad and for welding on bands!
Disponibile anche su pad e da puntare su banda!

Slot .018“ / 6 – 6 Roth System

CE 0297

Cases/casi	1	5	10
Brackets	24	120	240
Without hook	706X0971	706X0972	706X0973
With hook 3	706X0976	706X0977	706X0978
With hook 3-5	706X0981	706X0982	706X0983

Slot .022“ / 6 – 6 Roth System

CE 0297

Cases/casi	1	5	10
Brackets	24	120	240
Without hook	706X0986	706X0987	706X0988
With hook 3	706X0991	706X0992	706X0993
With hook 3-5	706X0996	706X0997	706X0998

Slot .018“ / 6 – 6 McLaughlin/Bennett/Trevisi-System

CE 0297

Cases/casi	1	5	10
Brackets	24	120	240
Without hook	706X0837	706X0838	706X0839
With hook 3	706X0842	706X0843	706X0844
With hook 3-5	706X0847	706X0848	706X0849

Slot .022“ / 6 – 6 McLaughlin/Bennett/Trevisi-System

CE 0297

Cases/casi	1	5	10
Brackets	24	120	240
Without hook	706X0852	706X0853	706X0854
With hook 3	706X0857	706X0858	706X0859
With hook 3-5	706X0862	706X0863	706X0864

Also available as cases 7 – 7: Please use the same order-numbers as for 6 – 6 and replace “X” by “V”.

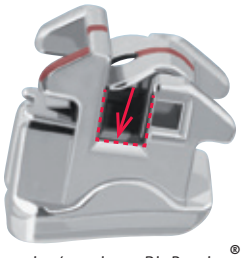
Disponibile anche come casi 7 – 7: usare lo stesso codice del caso 6-6 sostituendo “X” con “V”.

BioPassive® – passive self-ligating brackets
BioPassive® – attacco autolegante passivo

Info
N° 193

The passive version of the popular BioQuick®-brackets. Minimal friction – active control during handling.
la versione passiva dei ben noti attacchi BioQuick. Frizione minima, controllo attivo durante il trattamento.

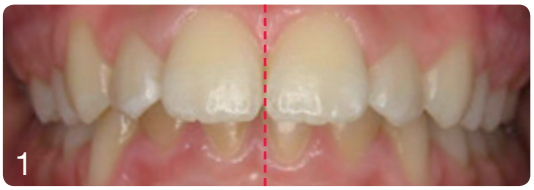
active/attivo = BioQuick®

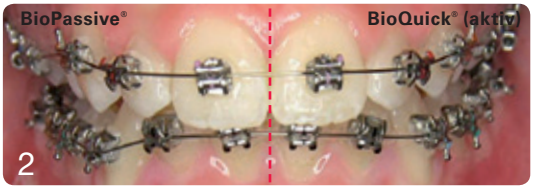


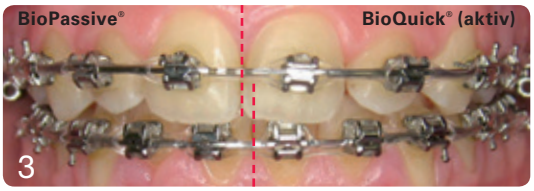
passive/passivo = BioPassive®

The origin is clear: BioPassive® incorporates the majority of the proven features of the BioQuick® bracket, e.g. the anatomically adapted hook-style base and the convenient clip technology. However, the slot of the BioPassive® bracket has a deeper design. This enlargement of the slot provides greater clearance for the archwire, which in turn greatly reduces the friction of the archwire in the slot.

La paternità è certa: BioPassive racchiude un gran numero di caratteristiche di BioQuick®, come la base anatomica con ritenzioni 3D e la tecnologia della clip. Però, lo slot di BioPassive® è più profondo. Il maggiore spazio a disposizione aumenta la libertà di movimento per gli archi, riducendone la frizione nello slot.







Fotos/images: Dr. Björn Ludwig, Dr. Bettina Glasl, Traben-Trarbach.

The greater clearance of the archwire in the passive slot is more beneficial with diastema closure when using large archwires than active brackets that have less clearance in the slot. This produces more rapid diastema closure, as the illustrated treatment example shows. In this case, which involved symmetrical premolar extraction, diastema closure was completed on the right using BioPassive® brackets and on the left using active BioQuick® brackets. The original correct midline (Fig. 1 and 2) displaces during and after diastema closure to the side treated passively (patient right, Fig. 3 and 4). Displacement due to quicker diastema closure using BioPassive® can be clearly seen on the photographs in comparison with active BioQuick® brackets.

Nella chiusura dei diastemi, la maggiore libertà di scorrimento degli archi rettangolari nello slot della versione passiva offre vantaggi rispetto al sistema attivo. Questo accelera la chiusura del diastema, come mostrato nel caso clinico a fianco. In questo paziente, al quale sono stati estratti i premolari, la chiusura del diastema è stata effettuata usando BioPassive® nel quadrante destro e BioQuick® in quello sinistro. La linea mediana (fig. 1 e 2) si sposta durante e dopo la chiusura del diastema verso il quadrante trattato con attacchi passivi (fig. 3 e 4). Lo spostamento, dovuto alla maggiore rapidità nella chiusura del diastema con il sistema passivo, è evidente nel confronto con le foto riferite alla versione attiva.

Slot .022":
Archwire .0215" x .025",
(slot filled) passive clip

Archi .0215" x .025",
clip è passiva

Slot .018":
Archwire .018" x .025",
(slot filled) passive clip

Archi .018" x .025",
clip è passiva

With extreme tooth movements, e.g. rotation, a reduced dimension archwire will also lie against the clip in the passive slot. The flexible clip actively supports tooth movement in this case. The clip is passive with archwires up to slot-filling dimensions of 0.018"x 0.025" (18 slot) and 0.022"x 0.025" (22 slot).

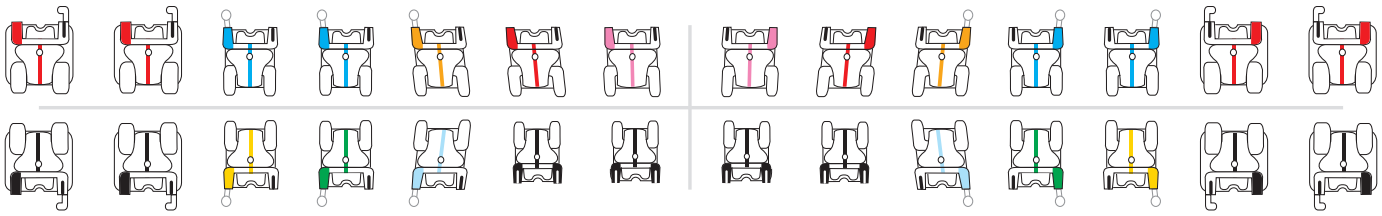
Nei movimenti dentali di maggiore entità, come le rotazioni, un arco sottile potrà scorrere addosso alla clip anche nella versione passiva. La clip flessibile faciliterà i movimenti dentali anche in questi casi. La clip è passiva anche con archi a pieno spessore .018" x .025" (slot .018") e .022" x .028" (slot .022").

BioPassive® – passive self-ligating brackets
BioPassive® – attacchi autoleganti passivi

Info
N° 186

Roth System

Colour-marks



BioPassive® Brackets Roth System

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+12°	+5°	0,9	–	731P0103	730P0103	731P0101	730P0101
2 Laterals	+8°	+9°	1,4	–	731P0203	730P0203	731P0201	730P0201
3 Cuspids	-2°	+11°	0,75	4° mesial	731P0303	730P0303	731P0301	730P0301
Cuspids + hook	-2°	+11°	0,75	4° mesial	731P0313	730P0313	731P0311	730P0311
4 Bicuspids	-7°	0°	0,75	2° distal	731P0503	730P0503	731P0501	730P0501
Bicuspids + hook	-7°	0°	0,75	2° distal	731P0513	730P0513	731P0511	730P0511
5 Bicuspids	-7°	0°	0,75	2° distal	731P0503	730P0503	731P0501	730P0501
Bicuspids + hook	-7°	0°	0,75	2° distal	731P0513	730P0513	731P0511	730P0511
6 1st Molar + hook	-14°	0°	–	–	731P0713	730P0713	731P0711	730P0711
7 2nd Molar + hook	-14°	0°	–	–	731P0713	730P0713	731P0711	730P0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	
1 Centrals	0°	0°	1,5	–	730P1203	730P1203	730P1201	730P1201
2 Laterals	0°	0°	1,5	–	730P1203	730P1203	730P1201	730P1201
3 Cuspids	-11°	+7°	1,15	2° mesial	731P1403	730P1403	731P1401	730P1401
Cuspids + hook	-11°	+7°	1,15	2° mesial	731P1413	730P1413	731P1411	730P1411
4 Bicuspids	-17°	0°	1,05	4° mesial	731P1503	730P1503	731P1501	730P1501
Bicuspids + hook	-17°	0°	1,05	4° mesial	731P1513	730P1513	731P1511	730P1511
5 Bicuspids	-22°	0°	1,05	4° mesial	731P1603	730P1603	731P1601	730P1601
Bicuspids + hook	-22°	0°	1,05	4° mesial	731P1613	730P1613	731P1611	730P1611
6 1st Molar + hook	-20°	0°	–	–	731P1713	730P1713	731P1711	730P1711
7 2nd Molar + hook	-20°	0°	–	–	731P1713	730P1713	731P1711	730P1711

Cases | Casi

Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706P0971	706P0972	706P0973	706P0986	706P0987	706P0988
With hook 3	706P0976	706P0977	706P0978	706P0991	706P0992	706P0993
With hook 3-5	706P0981	706P0982	706P0983	706P0996	706P0997	706P0998

Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

BioQuick® Universal Molar-Brackets

With hook-style base and hook / Con base a uncino e uncino.

	Slot .018"		Slot .022"	
Cases	Right	Left	Right	Left
Max. 6-7	731-P0713	730-P0713	731-P0711	730-P0711
Mand. 6-7	731-P1713	730-P1713	731-P1711	730-P1711

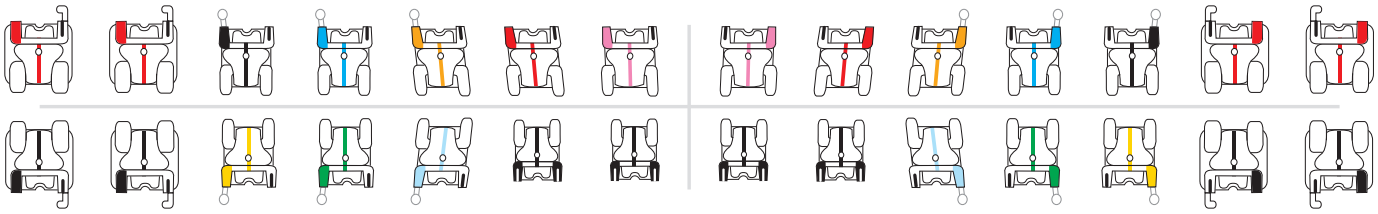
Max.: Torque -14° Rotation 12°
Mand.: Torque -20° Rotation 2°

BioPassive® – passive self-ligating brackets
BioPassive® – attacchi autoleganti passivi

Info
Nº 191

McLaughlin/Bennett/Trevisi System

Colour-marks



BioPassive® Brackets McLaughlin/Bennett/Trevisi System

Maxillary		Torque	Angulation	In/Out	Rotation	Slot .018" Order-no. Right	Slot .018" Order-no. Left	Slot .022" Order-no. Right	Slot .022" Order-no. Left
1	Centrals	+17°	+4°	0,9	–	733P0103	732P0103	733P0101	732P0101
2	Laterals	+10°	+8°	1,4	–	733P0203	732P0203	733P0201	732P0201
3	Cuspids	-7°	+8°	0,75	–	733P0303	732P0303	733P0301	732P0301
	Cuspids + hook	-7°	+8°	0,75	–	733P0313	732P0313	733P0311	732P0311
4	Bicuspids	-7°	0°	0,75	–	733P0403	732P0403	733P0401	732P0401
	Bicuspids + hook	-7°	0°	0,75	–	733P0413	732P0413	733P0411	732P0411
5	Bicuspids	-7°	0°	0,75	–	733P0503	732P0503	733P0501	732P0501
	Bicuspids + hook	-7°	0°	0,75	–	733P0513	732P0513	733P0511	732P0511
6	1st Molar + hook	-14°	0°	–	–	731P0713	730P0713	731P0711	730P0711
7	2nd Molar + hook	-14°	0°	–	–	731P0713	730P0713	731P0711	730P0711

Mandibular		Torque	Angulation	In/Out	Rotation	Slot .018" Order-no. Right	Slot .018" Order-no. Left	Slot .022" Order-no. Right	Slot .022" Order-no. Left
1	Centrals	-6°	0°	1,5	–	732P1203	732P1203	732P1201	732P1201
2	Laterals	-6°	0°	1,5	–	732P1203	732P1203	732P1201	732P1201
3	Cuspids	-6°	+3°	1,15	–	733P1403	732P1403	733P1401	732P1401
	Cuspids + hook	-6°	+3°	1,15	–	733P1413	732P1413	733P1411	732P1411
4	Bicuspids	-12°	+2°	1,05	–	733P1503	732P1503	733P1501	732P1501
	Bicuspids + hook	-12°	+2°	1,05	–	733P1513	732P1513	733P1511	732P1511
5	Bicuspids	-17°	+2°	1,05	–	733P1603	732P1603	733P1601	732P1601
	Bicuspids + hook	-17°	+2°	1,05	–	733P1613	732P1613	733P1611	732P1611
6	1st Molar + hook	-20°	0°	–	–	731P1713	730P1713	731P1711	730P1711
7	2nd Molar + hook	-20°	0°	–	–	731P1713	730P1713	731P1711	730P1711

Cases | Casi

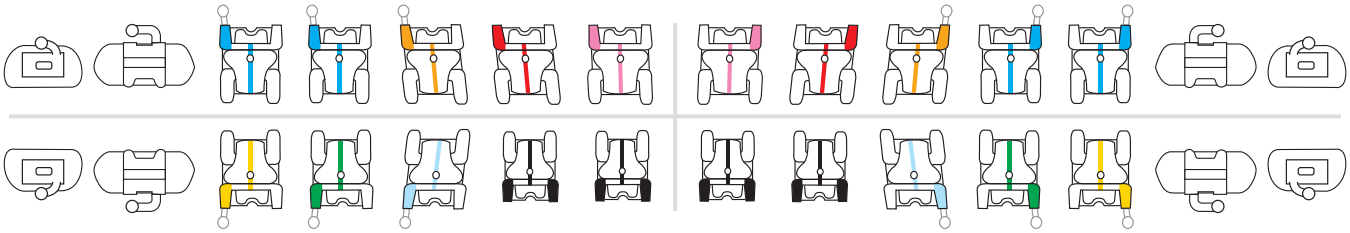
Variation	Slot .018"			Slot .022"		
Cases	**1**	**5**	**10**	**1**	**5**	**10**
Without hook	706P0837	706P0838	706P0839	706P0852	706P0853	706P0854
With hook 3	706P0842	706P0843	706P0844	706P0857	706P0858	706P0859
With hook 3-5	706P0847	706P0848	706P0849	706P0862	706P0863	706P0864

Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

Roncone Prescription – BioQuick®

***BioQuick®** is an interactive, self-ligating metal bracket.*

***BioQuick®** è un attacco in metallo autolegante interattivo.*



Roncone Prescription — *BioQuick®*

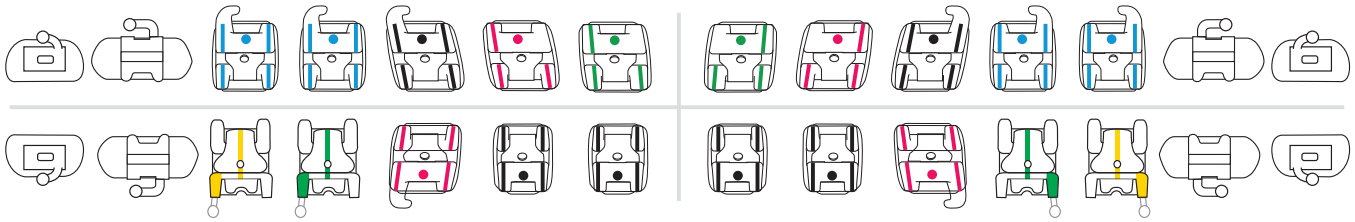
Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+19°	+5°	0,9	–	737-0103	736-0103	737-0101	736-0101
2 Laterals	+10°	+8°	1,3	–	737-0203	736-0203	737-0201	736-0201
3 Cuspids	0°	+8°	0,8	–	737-0303	736-0303	737-0301	736-0301
Cuspids + hook	0°	+8°	0,8	–	737-0313	736-0313	737-0311	736-0311
4 Bicuspids	-10°	+4°	0,9	2° distal	737-0503	736-0503	737-0501	736-0501
Bicuspids + hook	-10°	+4°	0,9	2° distal	737-0513	736-0513	737-0511	736-0511
5 Bicuspids	-10°	+4°	0,9	2° distal	737-0503	736-0503	737-0501	736-0501
Bicuspids + hook	-10°	+4°	0,9	2° distal	737-0513	736-0513	737-0511	736-0511
6 1st Molar + hook	-20°	0°	–	20° distal	737-0704	736-0704	737-0702	736-0702
1st Molar + hook	-20°	0°	–	12° distal	737-0728	736-0728	737-0726	736-0726
7 2nd Molar + hook	-17°	0°	–	12° distal	737-0804	736-0804	737-0802	736-0802

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	2°	0°	1,4	–	736-1203	736-1203	736-1201	736-1201
2 Laterals	2°	0°	1,4	–	736-1203	736-1203	736-1201	736-1201
3 Cuspids	-3°	+5°	1,25	–	737-1403	736-1403	737-1401	736-1401
Cuspids + hook	-3°	+5°	1,25	–	737-1413	736-1413	737-1411	736-1411
4 Bicuspids	-7°	+2°	1,25	2° distal	737-1503	736-1503	737-1501	736-1501
Bicuspids + hook	-7°	+2°	1,25	2° distal	737-1513	736-1513	737-1511	736-1511
5 Bicuspids	-10°	+2°	1,25	2° distal	737-1603	736-1603	737-1601	736-1601
Bicuspids + hook	-10°	+2°	1,25	2° distal	737-1613	736-1613	737-1611	736-1611
6 1st Molar + hook	-13°	0°	–	4° distal	737-1704	736-1704	737-1702	736-1702
7 2nd Molar + hook	-10°	0°	–	–	737-1804	736-1804	737-1802	736-1802

Roncone Prescription – BioQuick® & QuicKlear®

***QuicKlear®** is the ceramic version of the BioQuick® bracket.*

***QuicKlear®** è la versione in ceramica dell'attacco BioQuick®.*



Roncone Prescription — *QuicKlear®*

Maxillary					Slot .018"		Slot .022"	
					Order-no.		Order-no.	
Tooth	Torque	Angulation	In/Out	Rotation	Right	Left	Right	Left
1 Centrals	+19°	+5°	1,1	–	C737-0103	C736-0103	C737-0101	C736-0101
2 Laterals	+10°	+8°	1,5	–	C737-0203	C736-0203	C737-0201	C736-0201
3 Cuspids	0°	+8°	0,9	–	–	–	–	–
3 Cuspids + hook	0°	+8°	0,9	–	C737-0313	C736-0313	C737-0311	C736-0311
4 Bicuspids	-10°	+4°	0,9	2° distal	C737-0503	C736-0503	C737-0501	C736-0501
4 Bicuspids + hook	-10°	+4°	0,9	2° distal	C737-0513	C736-0513	C737-0511	C736-0511
5 Bicuspids	-10°	+4°	0,9	2° distal	C737-0503	C736-0503	C737-0501	C736-0501
5 Bicuspids + hook	-10°	+4°	0,9	2° distal	C737-0513	C736-0513	C737-0511	C736-0511
6 1st Molar + hook	-20°	0°	–	20° distal	737-0704	736-0704	737-0702	736-0702
6 1st Molar + hook	-20°	0°	–	12° distal	737-0728	736-0728	737-0726	736-0726
7 2nd Molar + hook	-17°	0°	–	12° distal	737-0804	736-0804	737-0802	736-0802

Mandibular					Slot .018"		Slot .022"	
					Order-no.		Order-no.	
Tooth	Torque	Angulation	In/Out	Rotation	Right	Left	Right	Left
1 Centrals	2°	0°	1,4	–	C736-1203	C736-1203	C736-1201	C736-1201
2 Laterals	2°	0°	1,4	–	C736-1203	C736-1203	C736-1201	C736-1201
3 Cuspids	-3°	+5°	1,25	–	–	–	–	–
3 Cuspids + hook	-3°	+5°	1,25	–	C737-1413	C736-1413	C737-1411	C736-1411
4 Bicuspids	-7°	+2°	1,25	2° distal	737-1503	736-1503	737-1501	736-1501
4 Bicuspids + hook	-7°	+2°	1,25	2° distal	737-1513	736-1513	737-1511	736-1511
5 Bicuspids	-10°	+2°	1,25	2° distal	737-1603	736-1603	737-1601	736-1601
5 Bicuspids + hook	-10°	+2°	1,25	2° distal	737-1613	736-1613	737-1611	736-1611
6 1st Molar + hook	-13°	0°	–	4° distal	737-1704	736-1704	737-1702	736-1702
7 2nd Molar + hook	-10°	0°	–	–	737-1804	736-1804	737-1802	736-1802

Roncone Prescription – Cases
La prescrizione Roncone – casi

CE 0297

Cases/casi 5-5 — *BioQuick®* — *QuickKlear®*

	Slot .018"			Slot .022"			Slot .018"			Slot .022"		
Cases/Casi	**1**	**5**	**10**	**1**	**5**	**10**	**1**	**3**	**6**	**1**	**3**	**6**
	706-6000	706-6003	706-6006	706-6009	706-6012	706-6015	C706-6000	C706-6003	C706-6006	C706-6009	C706-6012	C706-6015
3	706-6001	706-6004	706-6007	706-6010	706-6013	706-6016	C706-6001	C706-6004	C706-6007	C706-6010	C706-6013	C706-6016
3-5	706-6002	706-6005	706-6008	706-6011	706-6014	706-6017	C706-6002	C706-6005	C706-6008	C706-6011	C706-6014	C706-6017

Cases/casi7-7 — *BioQuick®* — *QuickKlear®*

	Slot .018"			Slot .022"			Slot .018"			Slot .022"		
Cases/casi	**1**	**5**	**10**	**1**	**5**	**10**	**1**	**3**	**6**	**1**	**3**	**6**
	706V6000	706V6003	706V6006	706V6009	706V6012	706V6015	C706V6000	C706V6003	C706V6006	C706V6009	C706V6012	C706V6015
3	706V6001	706V6004	706V6007	706V6010	706V6013	706V6016	C706V6001	C706V6004	C706V6007	C706V6010	C706V6013	C706V6016
3-5	706V6002	706V6005	706V6008	706V6011	706V6014	706V6017	C706V6002	C706V6005	C706V6008	C706V6011	C706V6014	C706V6017

Dr. Roncone recommends the following archwire sequences with .022" slot brackets
Il Dr. Roncone raccomanda le seguenti sequenze di archi con attacchi a slot da .022"

Non-Extraction treatment – steps
Fasi di trattamento senza estrazione

1

Mild / medium crowding – BioStarter .018"
affollamento lieve / medio – BioStarter .018"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
●	60 g	.018"	10	203-0845	203-0945

Medium / heavy crowding – 2x BioStarter .014"
affollamento medio / grave – 2x BioStarter .014"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
● ●	40 g	.014"	10	203-0835	203-0935

2

BioTorque .020"x.020"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
■	150 g	.020"x 020"	10	203-1450	203-1550

3

Betaflex titanium

Profile/Profilo	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
▬	.019"x.025"	10	282-2048*	282-2148

Extraction treatment – step
Fasi di trattamento con estrazione

1

Mild / medium crowding – BioStarter .018"
affollamento lieve / medio – BioStarter .018"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
●	60 g	.018"	10	203-0845	203-0945

Medium / heavy crowding – 2x BioStarter .014"
affollamento medio / grave – 2x BioStarter .014"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
● ●	40 g	.014"	10	203-0835	203-0935

2

Betaflex titanium

Profile/Profilo	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
▬	.017"x.025"	10	282-2043*	282-2143*

3

Betaflex titanium

Profile/Profilo	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
▬	.019"x.025"	10	282-2048*	282-2148

Dr. Roncone recommends the following archwire sequences with .018" slot brackets
Il Dr. Roncone raccomanda le seguenti sequenze di archi con attacchi a slot da .018"

Non-Extraction treatment – steps
Fasi di trattamento senza estrazione

1

Mild / medium crowding – BioStarter .016"
affollamento lieve / medio – BioStarter .016"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
●	50 g	.016"	10	203-0840	203-0940

Medium / heavy crowding – 2x BioStarter .012"
affollamento medio / grave – 2x BioStarter .012"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
● ●	30 g	.012"	10	203-0830	203-0930

2

BioTorque .018"x.018"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
■	150 g	.018"x 018"	10	203-1445	203-1545

3

Betaflex titanium

Profile/Profilo	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
▬	.017"x.025"	10	282-2043*	282-2143

Extraction treatment – step
Fasi di trattamento con estrazione

1

Mild / medium crowding – BioStarter .016"
affollamento lieve / medio – BioStarter .016"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
●	50 g	.016"	10	203-0840	203-0940

Medium / heavy crowding – 2x BioStarter .012"
affollamento medio / grave – 2x BioStarter .012"

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
● ●	30 g	.012"	10	203-0830	203-0930

2

Betaflex titanium

Profile/Profilo	Force/Forza	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
■	150 g	.016"x 022"	10	-*	-*

3

Betaflex titanium

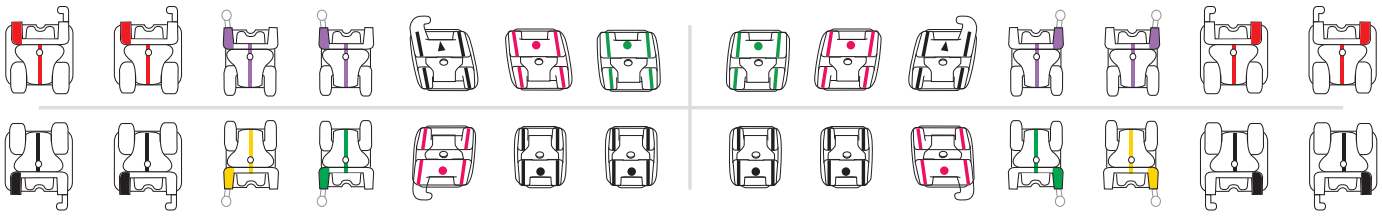
Profile/Profilo	Size/Dimensioni	Cont.	Order no. Max	Order no. Mand.
▬	.017"x.025"	10	282-2043*	282-2143

*L-Loop to be bent chairside.
*L-Loop da piegare alla poltrona.

SMILE^{Rx} – BioQuick®/BioPassive® & QuicKlear®

Info
N° 195

Colour-marks



BioPassive® Brackets Roth System

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+17°	+4°	1,1	–	C733-0103	C732-0103	C733-0101	C732-0101
2 Laterals	+10°	+8°	1,5	–	C733-0203	C732-0203	C733-0201	C732-0201
3 Cuspids + hook	-2°	+11°	0,9	4° mesial	C731-0313	C730-0313	C731-0311	C730-0311
4 Bicuspids	0°	0°	0,75	2° distal	735P0503	734P0503	735P0501	734P0501
4 Bicuspids + hook	0°	0°	0,75	2° distal	735P0513	734P0513	735P0511	734P0511
5 Bicuspids	0°	0°	0,75	2° distal	735P0503	734P0503	735P0501	734P0501
5 Bicuspids + hook	0°	0°	0,75	2° distal	735P0513	734P0513	735P0511	734P0511
6 1st Molar + hook	+14°	0°	–	–	731P0713	730P0713	731P0711	730P0711
7 2nd Molar + hook	+14°	0°	–	–	731P0713	730P0713	731P0711	730P0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	-6°	0°	1,6	–	C732-1203	C732-1203	C732-1201	C732-1201
2 Laterals	-6°	0°	1,6	–	C732-1203	C732-1203	C732-1201	C732-1201
3 Cuspids + hook	-6°	+3°	1,3	–	C733-1413	C732-1413	C733-1411	C732-1411
4 Bicuspids	-12°	+2°	1,05	–	733P1503	732P1503	733P1501	732P1501
4 Bicuspids + hook	-12°	+2°	1,05	–	733P1513	732P1513	733P1511	732P1511
5 Bicuspids	-17°	+2°	1,05	–	733P1603	732P1603	733P1601	732P1601
5 Bicuspids + hook	-17°	+2°	1,05	–	733P1613	732P1613	733P1611	732P1611
6 1st Molar + hook	-20°	0°	–	–	731P1713	730P1713	731P1711	730P1711
7 2nd Molar + hook	-20°	0°	–	–	731P1713	730P1713	731P1711	730P1711

Cases | Casi

Variation	Slot .018"		Slot .022"	
Cases	1	3	1	3
With hook 3	C706-1086	C706-1088	C706-1090	C706-1092
With hook 3-5	C706-1087	C706-1089	C706-1091	C706-1093

*Max. + Mand. QuicKlear 3-3, 3 with hook and BioPassive 4-5 without hook
**Max. + Mand. QuicKlear 3-3, 3 with hook and BioPassive 4-5 with hook

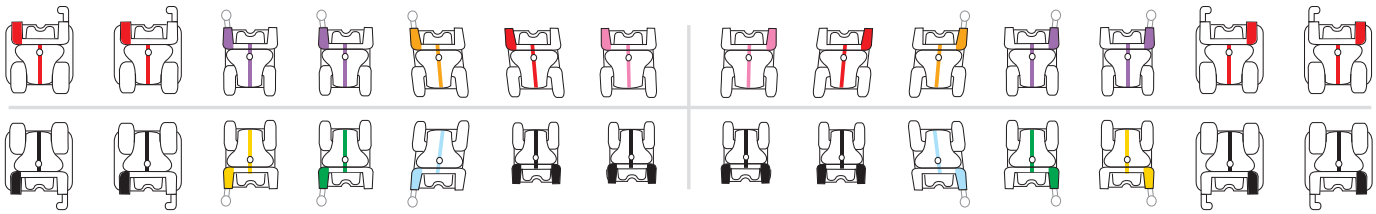
*Max. + Mand. QuicKlear 3-3, 3 con gancio e BioPassive 4-5 senza gancio
**Max. + Mand. QuicKlear 3-3, 3 con gancio e BioPassive 4-5 con gancio

Archwire Template/Template per archi

Order Nr.	Straight-Arch-/Euro-Smile-Form	Inhalt
435-0006		1

SMILE^{Rx} – BioQuick®/BioPassive®

Colour-marks



BioPassive® Brackets Roth System

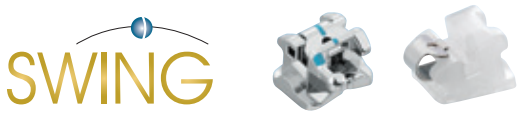
Maxillary						Slot .018"		Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1	Centrals	+17°	+4°	0,8	–	733-0103	732-0103	733-0101	732-0101
2	Laterals	+10°	+8°	1,3	–	733-0203	732-0203	733-0201	732-0201
3	Cuspids	-2°	+11°	0,75	4° mesial	731P0303	730P0303	731P0301	730P0301
	Cuspids + hook	-2°	+11°	0,75	4° mesial	731P0313	730P0313	731P0311	730P0311
4	Bicuspids	0°	0°	0,75	2° distal	735P0503	734P0503	735P0501	734P0501
	Bicuspids + hook	0°	0°	0,75	2° distal	735P0513	734P0513	735P0511	734P0511
5	Bicuspids	0°	0°	0,75	2° distal	735P0503	734P0503	735P0501	734P0501
	Bicuspids + hook	0°	0°	0,75	2° distal	735P0513	734P0513	735P0511	734P0511
6	1st Molar + hook	+14°	0°	–	–	731P0713	730P0713	731P0711	730P0711
7	2nd Molar + hook	+14°	0°	–	–	731P0713	730P0713	731P0711	730P0711

Mandibular						Slot .018"		Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1	Centrals	-6°	0°	1,4	–	732-1203	732-1203	732-1201	732-1201
2	Laterals	-6°	0°	1,4	–	732-1203	732-1203	732-1201	732-1201
3	Cuspids	-6°	+3°	1,15	4° mesial	733P1403	732P1403	733P1401	732P1401
	Cuspids + hook	-6°	+3°	1,15	4° mesial	733P1413	732P1413	733P1411	732P1411
4	Bicuspids	-12°	+2°	1,05	–	733P1503	732P1503	733P1501	732P1501
	Bicuspids + hook	-12°	+2°	1,05	–	733P1513	732P1513	733P1511	732P1511
5	Bicuspids	-17°	+2°	1,05	–	733P1603	732P1603	733P1601	732P1601
	Bicuspids + hook	-17°	+2°	1,05	–	733P1613	732P1613	733P1611	732P1611
6	1st Molar + hook	-20°	0°	–	–	731P1713	730P1713	731P1711	730P1711
7	2nd Molar + hook	-20°	0°	–	–	731P1713	730P1713	731P1711	730P1711

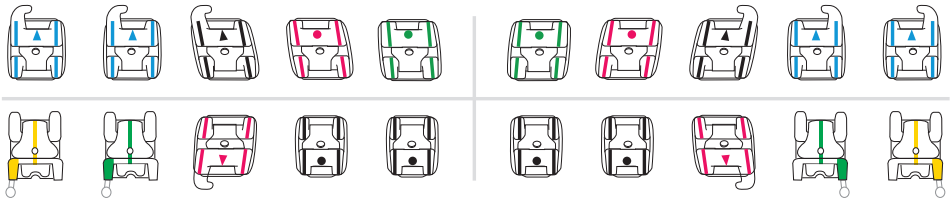
Cases | Casi

Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706-1070	706-1073	706-1076	706-1079	706-1082	706-1085
With hook 3	706-1071	706-1074	706-1077	706-1080	706-1083	706-1086
With hook 3-5	706-1072	706-1075	706-1078	706-1081	706-1084	706-1087

Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9



Colour-marks



QuickKlear® & BioQuick® Brackets SWING System

Maxillary CE 0297					**Slot .022“**	
Tooth	**Torque**	**Angulation**	**In/Out**	**Rotation**	**Order-no. Right**	**Left**
1 Centrals	+17°	+4°	1,1	–	C733-0101	C732-0101
2 Laterals	+10°	+8°	1,5	–	C733-0201	C732-0201
3 Cuspids + hook	-2°	+11°	0,9	4° mesial	C731-0311	C730-0311
4 Bicuspids + hook	-7°	0°	0,9	2° distal	C731-0511	C730-0511
5 Bicuspids + hook	-7°	0°	0,9	2° distal	C731-0511	C730-0511

Mandibular CE 0297					**Slot .018“**	
Tooth	**Torque**	**Angulation**	**In/Out**	**Rotation**	**Order-no. Right**	**Left**
1 Centrals	-6°	0°	1,6	–	C732-1203	C732-1203
2 Laterals	-6°	0°	1,6	–	C732-1203	C732-1203
3 Cuspids + hook	-11°	+7°	1,3	2° mesial	C731-1413	C730-1413
4 Bicuspids + hook	-17°	0°	1,05	4° distal	731-1513	730-1513
5 Bicuspids + hook	-22°	0°	1,05	4° distal	731-1613	730-1613

Archwires SWING System see page 5.12 | Archi SWING System a pagina 5.12

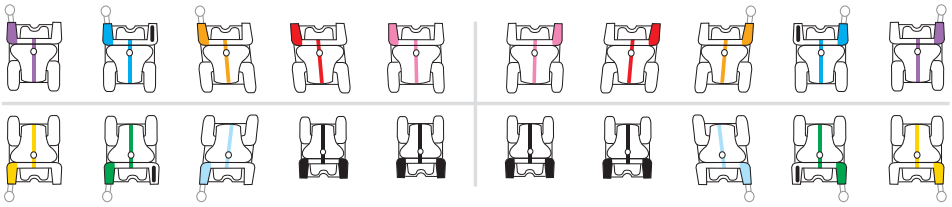
Cases | Casi

Cases	
1	**3**
C706-1094	C706-1095

CE 0297

SWING System – BioQuick®

Colour-marks



BioQuick® Brackets SWING System

Maxillary					Slot .022"	
					Order-no.	
Tooth	Torque	Angulation	In/Out	Rotation	Right	Left
1 Centrals	+17°	+4°	0,8	–	733-0101	732-0101
2 Laterals	+10°	+8°	1,3	–	733-0201	732-0201
3 Cuspids + hook	-2°	+11°	0,8	4° mesial	731-0311	730-0311
4 Bicuspids + hook	-7°	0°	0,75	2° distal	731P0511	730P0511
5 Bicuspids + hook	0°	0°	0,75	2° distal	735P0511	734P0511

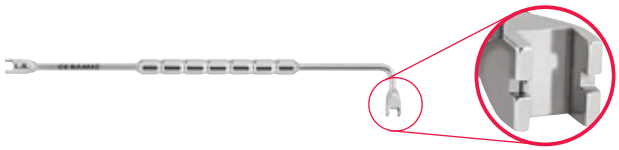
Mandibular					Slot .018"	
					Order-no.	
Tooth	Torque	Angulation	In/Out	Rotation	Right	Left
1 Centrals	-6°	0°	1,4	–	732-1203	732-1203
2 Laterals	-6°	0°	1,4	–	732-1203	732-1203
3 Cuspids + hook	-11°	+7°	1,4	2° mesial	731-1413	730-1413
4 Bicuspids + hook	-17°	0°	1,05	4° distal	731P1513	730P1513
5 Bicuspids + hook	-22°	0°	1,05	4° distal	731P1613	730P1613

Archwires SWING System see page 5.12 | Archi SWING System a pagina 5.12

Cases | Casi

Cases	
1	5
706-1090	706-1091

BioQuick®, BioPassive® + QuicKlear® auxillaries
BioQuick®, BioPassive® + QuicKlear® ausiliari

501-1843 CE		1	**Quick & QuicKlear collar style opening instrument**, double sided **Sonda collare doppia BioQuick & QuicKlear**
C501-1842 CE		1	**QuicKlear + BioQuick + BioPassive** Classic opening instrument, double sided Sonda doppia standard
501-0861 CE		1	**Archwire-Director** **Sonda per archi**
760-0071 CE 0297		50	**Crimpable Stops** **Stop per archi**
C501-0828 CE		1	**QuicKlear® bracket debonding plier with notch** **Pinza rimozione attacchi QuicKlear®**
C501-0815 CE		1	**Pauls-Tool** for debonding of QuicKlear® brackets Strumento rimozione attacchi QuicKlear®
C501-0826 CE		6	**Adhesive removing bur** **Fresa rimozione adesivo**
100-0110		1	**CD-ROM QuicKlear® + BioQuick®-Brackets with user-guideline** **CD-ROM QuicKlear® + BioQuick®-Brackets Istruzioni per l'uso**
950-0232		1	**Typodont BioQuick®-Brackets –** active, attivo
950-0233			**Typodont BioPassive®-Brackets –** passive, passivo
C950-1006		1	**Typodont QuicKlear® & BioQuick®**

BioQuick®, BioPassive® + QuicKlear® Plastic-models
BioQuick®, BioPassive® + QuicKlear® Macromodello in plastica

950-0240		1	**BioQuick active** **BioQuick attivo**
C950-0023		1	**QuicKlear-Bracket**

*BioQuick®, BioPassive® + QuicKlear® Accessories**
Ausiliari BioQuick®, BioPassive® + QuicKlear®

Order No.		Force Forza	Content Quantità	Description Descrizione
307-1009 CE 0297		130g	10	**Molar uprighting spring** (.016" x .016" – Stiff) highly resistant, for the auxiliary slot of the Quick brackets **Molla di raddrizzamento molari** (.016" x .016" – Stiff) Ad alta resilienza, per lo slot ausiliario degli attacchi Quick
307-1051 CE 0297		90g	5	**Memory levelling spring** (.016" x .016" – Stiff) for the auxiliary slot of the Quick brackets **Molla di raddrizzamento molari** (.016" x .016" – Stiff) Ad alta resilienza, per lo slot ausiliario degli attacchi Quick
307-1052 CE 0297		130g	5	**Memory intrusion, extrusion spring** (.016" x .016"– Stiff) for the auxiliary slot of the Quick brackets **Molla Memory di intrusione/estrusione** (.016" x .016"– Stiff) per lo slot ausiliario degli attacchi Quick

*in Memory Stiff design / *in versione Memory Stiff

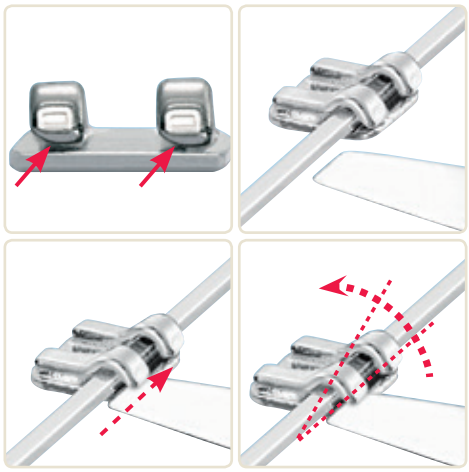
BioQuick® + QuicKlear® advertising material
BioQuick® + QuicKlear® materiale pubblicitario

Order No.		language lingua	piece pezzi	description descrizione
100-0095		english italiano	1	**Poster QuicKlear-Brackets** for the waiting-room **Poster QuicKlear-Brackets** per la sala d'attesa
100-0094		english italiano	1	**Patient-flyer QuicKlear-Bracket** for the waiting-room, 6 pages **Folder QuicKlear-Bracket** per il paziente, 6 pagine
100-0068		english italiano	1	**Poster BioQuick Brackets** for the waiting-room **Poster BioQuick Brackets** per la sala d'attesa
100-0086		english italiano	1	**Patient-flyer BioQuick Brackets** for the waiting-room, 6 pages **Folder BioQuick Brackets** per il paziente, 6 pagine

Lingual Brackets – Easy Lingual Orthodontics
Attacchi Linguali 2D – Ortodonzia linguale semplificata.

They are extremely flat, comfortable and thanks to its uncomplicated technique ideally suited for clinicians who would like to enter the field of lingual orthodontics – the new 2D® lingual brackets by Forestadent. Easy to handle, reasonably priced and no lab costs. This bracket system is a cost effective way to introduce lingual orthodontics into any practice.

I nuovi attacchi linguali 2D® Forestadent sono estremamente sottili, confortevoli e grazie ad una tecnica semplice sono ideali per coloro che desiderano affacciarsi sull'ortodonzia linguale. Maneggevoli, economici e senza costi di laboratorio, questi attacchi permettono di introdurre la tecnica linguale in tutti gli studi.



Easy to use
The 2D® lingual brackets are notably easier to use. Through the special self ligating wings the archwire can be easily inserted from the occlusal.The clip can be easily opened from the occlusal with a special explorer and closed with the Weingart-Ultralight wire plier.

Clip
Optimised clip assures a better wire control and easy opening. Round wires with a maximum diameter of .022" can be used.

Facili da usare
Gli attacchi linguali 2D® sono di facile impiego. L'arco si inserisce verticalmente nelle clip autoleganti dal lato occlusale. Le clip si aprono facilmente dal lato occlusale con la sonda dedicata e si chiudono con una pinza di Weingart leggera.

Clip
Le clip garantiscono un ottimo controllo dell'arco ed una facile apertura. Si possono utilizzare archi tondi fino a .022" di diametro.

Extremely flat design
The total thickness of the 2D® lingual brackets is 1.3 to 1.65 mm, including the base. Thus they are hardly noticeable for the patient and the ability to speak is not affected.

Excellent biomechanics
The bracket is bonded close to the centre of resistance and therefore offers excellent biomechanics for tipping and rotating teeth. The first treatment phase can be achieved remarkably fast.

Estremamente sottili
Lo spessore totale dei 2D® è compreso fra 1,3 mm e 1,65 mm, inclusa la base. Sono pressoché inavvertibili dal paziente e non compromettono la fonazione.

Biomeccanica ottimale
L'attacco viene incollato in prossimità del centro di resistenza del dente, offrendo una biomeccanica ottimale per tipping e rotazioni. La prima fase di trattamento si sviluppa in tempi estremamente rapidi.

Variety of Bracket Types
- *Mini Ants*
- *The 2D® bracket with T-hook for fixing elastic chains.*
- *The 2D® plus bracket to apply torque on a single tooth.*
- *The 2D® plus bracket with gingival hook for applying intermaxillary elastics*
- *Lingual tubes with bigger hook for applying intermaxillary elastics.*

I nuovi tipi di bracket
- *Mini Ants*
- *Attacchi 2D® con gancio a T per agganciare le catenelle elastiche.*
- *Attacchi 2D® plus, per applicare il torque sul singolo dente*
- *Attacchi 2D® plus, con gancio gengivale per l'applicazione di elastici intermascellari*
- *Tubi linguali con gancio per l'applicazione di elastici intermascellari.*

Lingual Brackets
Attacchi Linguali 2D

Info
N° 168

CE 0297

Order no.		use / elemento	cont.	size / tipo	description / descrizione
763-1126		5 4 3 2 1 | 1 2 3 4 5 5 4 3 2 1 | 1 2 3 4 5	10	medium twin Medio gemellare	**2D® Lingual Bracket** with T-hook **Attacchi linguali 2D®** con gancio a T
760-1026		5 4 3 2 1 | 1 2 3 4 5 5 4 3 2 1 | 1 2 3 4 5	10	medium twin Medio gemellare	
760-1027		7 6 5 4 1 | 1 4 5 6 7 7 6 5 4 | 4 5 6 7	10	large twin Largo gemellare	**2D® Lingual Bracket with hook, self ligating,** only 1,3 mm flat **Attacchi linguali 2D® senza gancio, autoleganti,** 1,3 mm spessore
760-1028		3 2 1 | 1 2 3	10	narrow single Piccolo, singolo	
760-1126		7 6 5 4 3 2 1 | 1 2 3 4 5 6 7 7 6 5 4 3 2 1 | 1 2 3 4 5 6 7	10	medium twin Medio gemellare	**2D® Lingual Bracket with large, gingival hook,** only 1,3 mm flat **Attacchi linguali 2D® con gancio gengivale,** 1,3 mm spessore
760-1029		2 1 | 1 2	10	narrow twin Piccolo gemellare	**Mini Ants for better rotation control** **Mini Ants per un migliore controllo della rotazione**
760-1030		2 1 | 1 2	10	narrow twin Piccolo gemellare	**Mini Ants with hook for better rotation control** **Mini Ants con gancio per un migliore controllo della rotazione**
761-1126		5 4 3 2 1 | 1 2 3 4 5 5 4 3 2 1 | 1 2 3 4 5	10	medium twin Medio gemellare	**2D® Plus Lingual Bracket without hook** to apply torque on single teeth **Attacchi linguali 2D® senza gancio,** per applicare torque a singolo elemento
762-1126		5 4 3 2 1 | 1 2 3 4 5 5 4 3 2 1 | 1 2 3 4 5	10	medium twin Medio gemellare	**2D® Plus Lingual Bracket with gingival hook** to apply torque on single teeth **Attacchi linguali 2D® con gancio gengivale,** per applicare torque a singolo elemento
760-1167		6 7 | 7 6	10	standard	**Lingual tube** **Tubi linguali**
760-2167		7 6 | 6 7	10		

Lingual Brackets – cases / Attacchi linguali – casi

CE 0297

Brackets per case **Bracket per caso**	**Cases/Casi**	1	5	10
		20	100	200
8 x 12 x		706-0869	706-0870	706-0871
20 x		706-0874	706-0875	706-0876

Lingual Brackets – Starter Kits
Attacchi Linguali 2D – Starter Kits

707-1503	**Starter Kit 2D® Lingual Brackets with and without T-hook** 2D® Lingual Brackets – 5 cases (60 with T-hook, 40 without T-hook) 1 Model 2D® Lingual Brackets upper + lower
707-1504	**Starter Kit 2D® Lingual Brackets with T-hook** 2D® Lingual Brackets – 5 cases with T-hook. (100 Brackets) 1 Model 2D® Lingual Brackets upper + lower
707-1505	**Starter Kit 2D® Lingual Brackets mixed with large gingival hook** 2D® Lingual Brackets – 5 cases (40 x 760-1026 Medium Twin, 40 x 760-1126 Medium Twin, 10 x 760-1027 Large Twin, 10 x 760-1028 narrow Twin) 1 Model 2D® Lingual Brackets upper + lower
	additional contents in every kit: 1 Special explorer with director 1 BioLingual® archwire 0.010“ - Shape 2 1 BioLingual® archwire 0.010“ - Shape 5 1 BioLingual® archwire 0.012“ - Shape 2 1 BioLingual® archwire 0.012“ - Shape 3 1 BioLingual® archwire 0.012“ - Shape 4 1 BioLingual® archwire 0.012“ - Shape 5 1 BioLingual® archwire 0.016“ - Shape 2 1 BioLingual® archwire 0.016“ - Shape 3 1 BioLingual® archwire 0.016“ - Shape 4 1 BioLingual® archwire 0.016“ - Shape 5 1 CD Rom 2D® Lingual Brackets Patient brochure Lingual (appr. 25 pieces) Template for BioLingual®-archwires

707-1503	**Starter Kit 2D® attacchi linguali con e senza gancio a T** Attacchi linguali 2D® – 5 casi (60 con gancio a T e 40 senza gancio); 1 modello a doppia arcata con attacchi 2D®
707-1504	**Starter Kit 2D® attacchi linguali con ganci** Attacchi linguali 2D® – 5 casi (100 attacchi con gancio a T); 1 modello a doppia arcata con attacchi 2D®
707-1505	**Starter Kit 2D® attacchi linguali misto con gancio gengivale** Attacchi linguali 2D® – 5 casi (40 x 760-1026 Medium Twin, 40 x 760-1126 Medium Twin, 10 x 760-1027 Large Twin, 10 x 760-1028 narrow Twin) 1 modello a doppia arcata con attacchi 2D®
	Gli Starter Kit 1 e 2 contengono inoltre: 1 sonda speciale con invito 1 arco BioLingual® 0.010“ - forma 2 1 arco BioLingual® 0.010“ - forma 5 1 arco BioLingual® 0.012“ - forma 2 1 arco BioLingual® 0.012“ - forma 3 1 arco BioLingual® 0.012“ - forma 4 1 arco BioLingual® 0.012“ - forma 5 1 arco BioLingual® 0.016“ - forma 2 1 arco BioLingual® 0.016“ - forma 3 1 arco BioLingual® 0.016“ - forma 4 1 arco BioLingual® 0.016“ - forma 5 1 CD Rom brochure per il paziente (25 copie) Template per archi BioLingual®

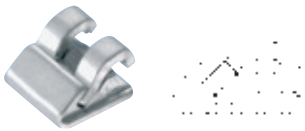
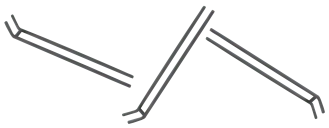
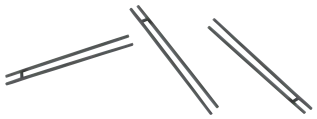
Lingual Brackets – Modell
Attacchi Linguali 2D – Modello

Order-no.		pieces/pezzi	Description/ descrizione
950-0213		1	**Model 2D® Lingual Brackets** **Modello attacchi linguali 2D®**

Posters, advertising materials
Poster, materiale pubblicitario

Order-no.		language lingua	pieces pezzi	Description/ descrizione
100-0079		english italiano	1	**Brochure "Lingual Brackets"** six pages, for the patient **Folder „Lingual Brackets"** di 6 pagine per il paziente
100-0083		english italiano	1	**Coloured poster "Perfectly hidden"** for the waiting room **Poster a colori** per la sala d'attesa

3D Torque lingual bracket

Order no.	Type Tipo	Use Uso	Content Pezzi	Description Descrizione
707-0033 CE 0297		3 2 1 | 1 2 3 3 2 1 | 1 2 3	10	**3D Torque Lingual Bracket (45° Torque)**
707-0046 CE 0297		7 6 5 4 | 4 5 6 7 7 6 5 4 | 4 5 6 7	10	**3D Torque Lingual Bracket (0° Torque)**
707-0133 CE 0297		3 2 1 | 1 2 3 3 2 1 | 1 2 3	10	**3D Torque Lingual Bracket (45° Torque)** with hook con gancio
707-0146 CE 0297		7 6 5 4 | 4 5 6 7 7 6 5 4 | 4 5 6 7	10	**3D Torque Lingual Bracket (0° Torque)** with hook con gancio
707-0003		3 2 1 | 1 2 3 3 2 1 | 1 2 3	15	**Set-up arch** for Bracket 707-0033 **Arco di messa** a punto 707-0033
707-0004		7 6 5 4 | 4 5 6 7 7 6 5 4 | 4 5 6 7	15	**Set-up arch** for Bracket 707-0046 **Arco di messa** a punto 707-0046

CE 0297

Cases/casi	**1**	**5**	**10**
Brackets	24	120	240
	706-0901	706-0905	706-0910
	706-0903	706-0904	706-0907

BioLingual® archwires/Archi BioLingual®

CE 0297

Size Misura	Profile Profilo	Force Forza	Content Contenuto	Shape 1	Shape 2	Shape 3	Shape 4	Shape 5	Shape 6
.010"	●	20 g	10	270-0125	270-0225	270-0325	270-0425	270-0525	270-0625
.012"	●	30 g	10	270-0130	270-0230	270-0330	270-0430	270-0530	270-0630
.014"	●	40 g	10	270-0135	270-0235	270-0335	270-0435	270-0535	270-0635
.016"	●	50 g	10	270-0140	270-0240	270-0340	270-0440	270-0540	270-0640

BioLingual® archwires/Archi – customised packed/assortimenti

CE 0297

Size Misura	Profile Profilo	Profile Forza	Order-no.	Content / Contenuto					
				Shape 1	Shape 2	Shape 3	Shape 4	Shape 5	Shape 6
.010"	●	20 g	270-0025	1	2	2	2	2	1
.012"	●	30 g	270-0030	1	2	2	2	2	1
.014"	●	40 g	270-0035	1	2	2	2	2	1
.016"	●	50 g	270-0040	1	2	2	2	2	1

Titanol® lingual archwires/Archi linguali Titanol®

CE 0297

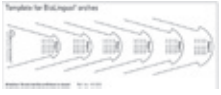
Size / Misura	Quality / Materiale	Content / Contenuto	Order.-no.
max/superiore .010"	Titanol®	10	272-0825
mand/inferiore .010"		10	272-0925
max/superiore .012"	Titanol®	10	272-0830
mand/inferiore .012"		10	272-0930
max/superiore .014"	Titanol®	10	272-0835
mand/inferiore .014"		10	272-0935
max/superiore .016"	Titanol®	10	272-0840
mand/inferiore .016"		10	272-0940
max/superiore .016" x .016"	Titanol®	10	272-1440
mand/inferiore .016" x .016"		10	272-1540
max/superiore .022" x .016"	Titanol®	10	272-2040
mand/inferiore .022" x .016"		10	272-2140

Betaflex Titan archwires/Fili Betaflex Titan

CE 0297

	Size / Misura	Profile/Profilo	Cont.	Order.-no.
Betaflex titanium wires – straight, 380 mm = 15" length **Fili Betaflex Titan,** Lunghezza 380 mm = 15"	.016 x .022	▬	10	220-4055

Materials for Lingual technique
Materiali per tecnica linguale

Order No.		Cont.	Description / Descrizione
655-0015 CE 0297		1 roll 1 bobina (1,5 m)	**Lingual elastic chain** – flatter than standard-chains **Catenella linguale** – più sottile di quelle standard
501-0855 CE		1	**Archwire-Tucker** disinfectable, sterilisable **Tucker per archi** disinfettabile e sterilizzabile
501-0843 CE		1	**Special explorer with director** to open the 2D® lingual brackets **Sonda speciale con invito** per apertura bracket 2D®
501-0845 CE		1	**Weingart-Ultra light wire plier** **Pinza di Weingart ultra – leggera**
501-0840 CE		1	**2D® bracket opening plier** **Pinza per aprire attacchi 2D®**
501-0710 CE		1	**Intraoral detailing pliers left,** acc. to Dr. Wiechmann, for max. wire thickness of .018" x .025" **Pinza piega filo verso sinistra ,** secondo il Dr. Wiechmann, per fili max. .018" x .025"
501-0711 CE		1	**Intraoral detailing pliers right,** acc. to Dr. Wiechmann, for max. wire thickness of .018" x .025" **Pinza piega filo verso destra,** secondo il Dr. Wiechmann, per fili max. .018" x .025"
501-0223 CE		1	**2D® Lingual bracket tweezer – 3 mm** **2D® Lingual bracket pinzetta – 3 mm**
501-0224 CE		1	**2D® Lingual bracket tweezer – 4 mm** **2D® Lingual bracket pinzetta – 4 mm**
501-0225 CE		1	**2D® Lingual bracket tweezer – 5 mm** **2D® Lingual bracket pinzetta – 5 mm**
501-0935 CE		100	**Plastic cover for Weingart-Ultra light wire plier** **Copripunte per pinza di Weingart**
435-0005		1	**Template for BioLingual archwires** **Template per archi BioLingual**

Materials for Lingual technique
Materiali per tecnica linguale

Order No.		Cont.	Description / Descrizione
501-0863		1	**Lingual calliper rule** with graphite marker **Calibro linguale** con punta in grafite
501-0879		10	**Spare leads** for Lingual calliper rule **Mine** per Calibro linguale

Auxillary
Accessori

CE 0297

Order No. for welding da puntare	Order No. on pad su pad	Type Tipo	Contents Confezione	Description Descrizione
760-0014	760-0614		10	**Double lingual cleat** **Gancio ad ali di gabbiano**
760-0001	760-0801		10	**Lingual buttons** with short neck **Bottone linguale** a collo corto
760-0002	760-0802		10	**Lingual buttons** with long neck **Bottone linguale** a collo lungo
760-0005	760-0805		10	**Lingual buttons,** large contoured base **Bottone linguale** a base larga

Aesthetic-Kit

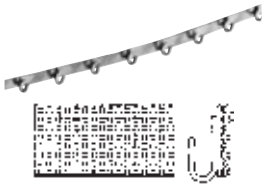
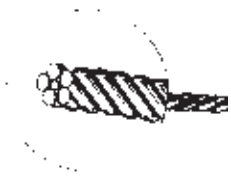
707-2000

CE

Aesthetic - Kit
5 pack. contouring blades, different sizes
1 holder for contouring blades
1 pack. interdental wedges

Aesthetic – Kit:
5 confezioni di lame da stripping in spessori diversi
1 porta lame
1 confezione cunei interdentali in legno

Auxillary
Accessori

Order No.		contents confezione	description descrizione
760-0030 CE 0297		10	**Eruption chain** to realign displaced teeth **Catena di trazione** per il riallineamento dei denti
760-0031 CE 0297		10	**Bonding-Pad with connection** **Pad adesivo con anello**
760-0025 CE 0297		10	**Catching-Hook** for intruded short clinical crowns **Gancio di attacco** per corone cliniche molto corte
760-0070 CE 0297	 	10	**Lingual Retainer pad** for individual preparation of retainers for direct application without prior fitting on the model **Ritentore linguale per contenzione:** sistema di bloccaggio del filo per ritenzione, da incollare direttamente sul dente
261-4040 CE 0297	 ø 0,40 mm = .016 inch	10	**6-twist braided, soft wire** is especially suited for adapting purposes. Pieces of 355 mm / 14" length **Filo Intrecciato a 6 capi morbido.** Di facile adattamento e modellazione. Barre da 355mm/14"
413-0011 CE		50	**Medical grade Silicone** for temporary relief from appliance irritation **Silicone medicale** – contro i decubiti da apparecchiature fisse

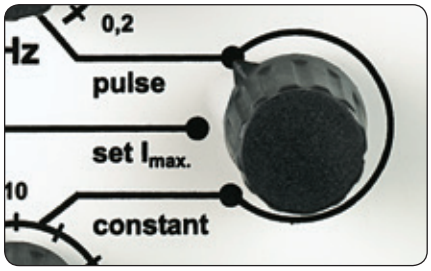
Memory Maker

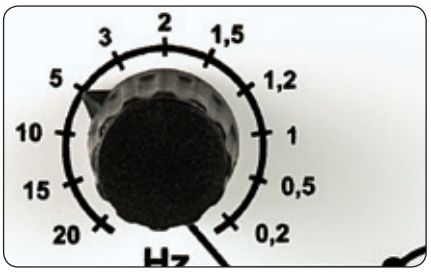
3. Generation

Info
N° 154

With the Memory-Maker you can program the superelastic Memory-Form of Nickel-Titanium Wires, e.g. FORESTADENT Titanol® or you can change already programmed Memory-Forms.

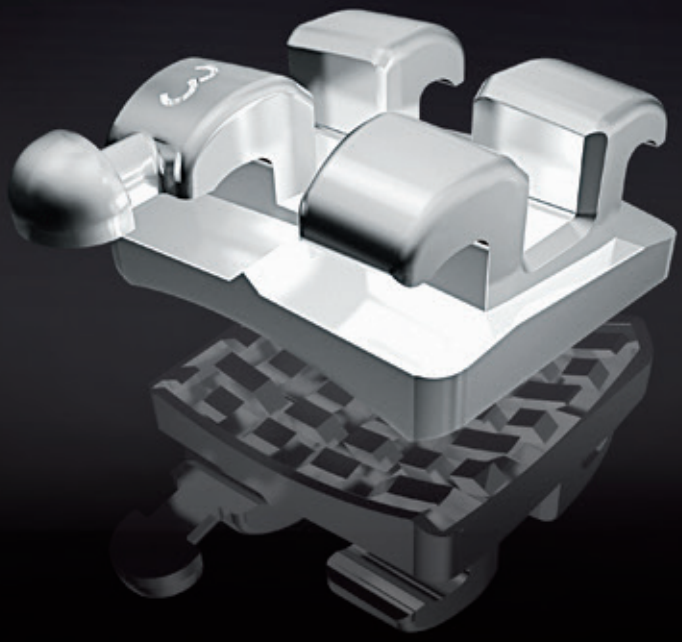
Con il Memory-Maker si programma la Memoria di forma dei fili in Nickel titanio, come il Titanol® FORESTADENT e si può cambiare la memoria degli archi già preformati.





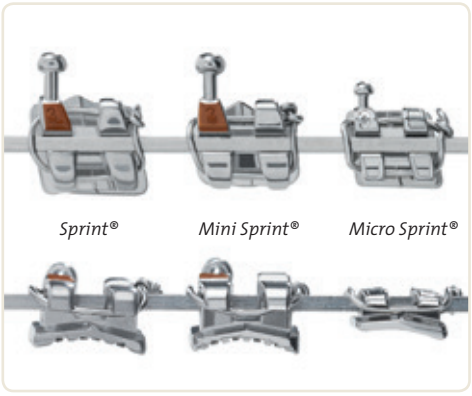
Order No.	description descrizione
900-1007	**Memory Maker** without pliers / senza pinze
900-1008	**Memory Maker** with 2 pliers 501-0810 / con 2 pinze 501-0810

*2006/42/EG



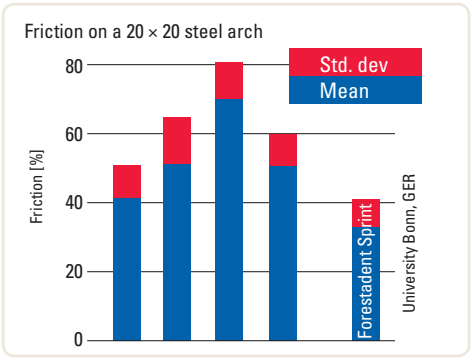
Metal brackets
Attacchi metallici

Sprint®, Mini Sprint® & MicroSprint® – Modern Precision Brackets for your Practice
Sprint®, Mini Sprint® & MicroSprint® – Moderni attacchi di precisione per il vostro studio



The Sprint range offers single-piece brackets comprised of nickel-free stainless steel that has been manufactured using metal injection molding and then hardened. Special surface treatment also thickens the surface, making it particularly smooth and reducing the build-up of plaque and bacteria. Mini-Sprint brackets are a smaller and more aesthetic alternative to standard-sized Sprint brackets. An even smaller alternative is provided by the Micro Sprint bracket – the smallest bracket in the world. All Sprint brackets are available for the upper and lower jaw from 5 to 5.

Gli attacchi della serie Sprint sono prodotti con tecnica MIM in pezzo unico di acciaio senza nichel. Inoltre, sono sottoposti ad uno speciale trattamento superficiale che rende la superficie particolarmente scorrevole e difficile da colonizzare da parte di placca e batteri. Gli attacchi MiniSprint® sono la versione più piccola e più estetica degli attacchi Sprint®. Una versione ancora più piccola ed estetica è Micro-Sprint, l'attacco più piccolo al mondo. Tutti gli attacchi della linea Sprint sono disponibili per arcata superiore e inferiore da 5 a 5.



Fast results
Rounded slot inserts considerably reduce arch friction in the slot. The resulting improvement in transmission of force means fast treatment results.

Risultati rapidi
I bordi smussati degli slot riducono notevolmente la frizione dell'arco. La migliore trasmissione delle forze così ottenuta accelera i tempi di trattamento.

Sophisticated design
All Sprint brackets have an anatomically curved base. Hook-shaped undercuts on the base allow for better retention than with a mesh base. On removal of the brackets, a significant amount of adhesive remains on the base rather than on the tooth.

Design perfezionato
La base di tutti gli attacchi Sprint è di forma anatomica. La base con sottosquadri a forma di gancio garantisce un'adesione migliore rispetto alle tradizionali basi mesh. Al debonding l'adesivo tende a rimanere sulla base del bracket e non sullo smalto.

Superior quality
*Special materials are used in the production of all Sprint brackets. This ensures hooks that offer a high level of stability and fracture toughness, resistance to corrosion and that are also suitable for patients with allergies (nickel-free).**

Alta qualità
*Per la produzione di tutti gli attacchi Sprint si utilizzano materiali speciali. Vengono così garantite elevata stabilità dimensionale e resistenza alla rottura dei ganci, resistenza alla corrosione e assenza di reazioni allergiche per il paziente (nickel-safe).**

Nickel free. Acc. to the report of Prof. Dr. H. F. Kappert, University of Freiburg, dtd.March 8, 1999

The brackets of the Sprint family comparing to products from competitors.
Attacchi linea Sprint in confronto alla concorrenza.

Mini-Mono® Brackets – Classical Quality Brackets for your Practice
Mini-Mono® Brackets – Attacchi di provata qualità per il Vostro studio

Mini-Mono® Brackets are made of stainless steel using the traditional milling technique with a traditional mesh base. The high quality finish makes it comfortable for the patient and guarantees excellent aesthetics. The Mini-Mono® bracket is available in different profiles and systems.

I bracket Mini-Mono® sono in acciaio, prodotti in modo tradizionale al tornio e con base mesh. La raffinata finitura li rende confortevoli per il paziente ed esteticamente gradevoli. Gli attacchi Mini-Mono® sono disponibili in differenti profili e tecniche.

N-Profile
The Mini-Mono® N is a normal sized metal bracket. Its size eases the handling of the bracket for the clinician and gives excellent control for teeth movements.

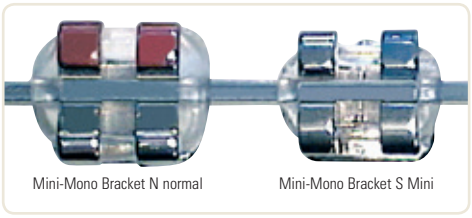
Profilo N
Mini-Mono N è un attacco di dimensioni standard. La sua dimensione lo rende maneggevole per l'operatore e offre un adeguato controllo dei movimenti dentali.

S-Profile
The Mini-Mono® S is a small metal bracket. The mesial-distal width is similar to the standard brackets and guarantees a good rotational control.

Profilo S
Mini-Mono® S è un è un attacco di ridotte dimensioni. La dimensione mesio-distale è simile a quella della versione N e garantisce un buon controllo delle rotazioni.

Low-Profile
For increased patient comfort.

Low-Profile
Per aumentare il confort del paziente.



Rotational Control
The mesial-distal width is even for all Mini-Mono® brackets to guarantee good rotational control.

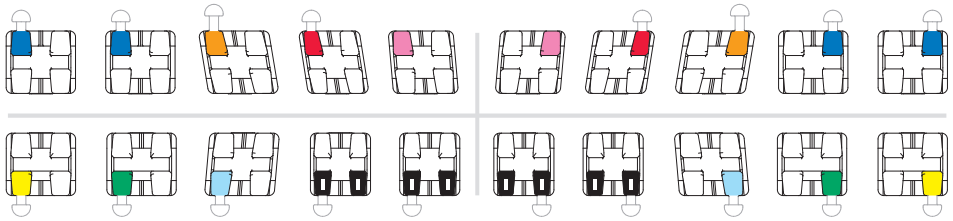
Controllo delle rotazioni
La dimensione mesio-distale è la medesima per tutti i bracket Mini-Mono® al fine di offrire il miglior controllo delle rotazioni.

User friendly
The mushroom shaped ball hooks prevent elastics from dislodging. The long axis scribe line allows a better placement along the clinical crown.

Semplicità d'uso
I ganci, con la ben sperimentata forma a fungo, garantiscono un ancoraggio sicuro agli elastici, mentre la linea di repere sull'asse del bracket facilita il posizionamento dell'attacco.

Roth System

Colour-marks | codice colore



Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+12°	+5°	0,7	–	784-0103	783-0103	784-0101	783-0101
2 Laterals	+8°	+9°	1,0	–	784-0203	783-0203	784-0201	783-0201
Laterals + hook	+8°	+9°	1,0	–	784-0213	783-0213	784-0211	783-0211
3 Cuspids	-2°	+11°	0,5	4° mesial	784-0303	783-0303	784-0301	783-0301
Cuspids + hook	-2°	+11°	0,5	4° mesial	784-0313	783-0313	784-0311	783-0311
4 Bicuspids	-7°	0°	0,5	2° distal	784-0503	783-0503	784-0501	783-0501
Bicuspids + hook	-7°	0°	0,5	2° distal	784-0513	783-0513	784-0511	783-0511
5 Bicuspids	-7°	0°	0,5	2° distal	784-0503	783-0503	784-0501	783-0501
Bicuspids + hook	-7°	0°	0,5	2° distal	784-0513	783-0513	784-0511	783-0511

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	0°	0°	1,2	–	783-1203	783-1203	783-1201	783-1201
Centrals + hook	0°	0°	1,2	–	784-1213	783-1213	784-1211	783-1211
2 Laterals	0°	0°	1,2	–	783-1203	783-1203	783-1201	783-1201
Laterals + hook	0°	0°	1,2	–	784-1213	783-1213	784-1211	783-1211
3 Cuspids	-11°	+7°	0,7	2° mesial	784-1403	783-1403	784-1401	783-1401
Cuspids + hook	-11°	+7°	0,7	2° mesial	784-1413	783-1413	784-1411	783-1411
4 Bicuspids	-17°	0°	0,7	4° distal	784-1503	783-1503	784-1501	783-1501
Bicuspids + hook	-17°	0°	0,7	4° distal	784-1513	783-1513	784-1511	783-1511
5 Bicuspids	-22°	0°	0,7	4° distal	784-1603	783-1603	784-1601	783-1601
Bicuspids + hook	-22°	0°	0,7	4° distal	784-1613	783-1613	784-1611	783-1611

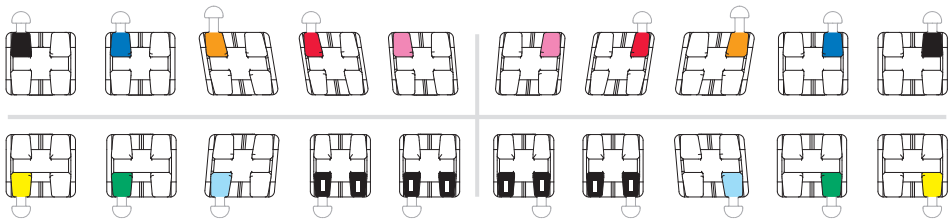
Cases | Casi

Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706-1094	706-1095	706-1096	706-1103	706-1104	706-1105
With hook 3	706-1097	706-1098	706-1099	706-1106	706-1107	706-1108
With hook 3-5	706-1100	706-1101	706-1102	706-1109	706-1110	706-1111

Micro Sprint® Brackets

McLaughlin/Bennett/Trevisi System

Colour-marks | codice colore



Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+17°	+4°	0,8	–	778-0103	777-0103	778-0101	777-0101
2 Laterals	+10°	+8°	1,0	–	778-0203	777-0203	778-0201	777-0201
Laterals + hook	+10°	+8°	1,0	–	778-0213	777-0213	778-0211	777-0211
3 Cuspids	-7°	+8°	0,5	–	778-0303	777-0303	778-0301	777-0301
Cuspids + hook	-7°	+8°	0,5	–	778-0313	777-0313	778-0311	777-0311
4 Bicuspids	-7°	0°	0,5	–	778-0403	777-0403	778-0401	777-0401
Bicuspids + hook	-7°	0°	0,5	–	778-0413	777-0413	778-0411	777-0411
5 Bicuspids	-7°	0°	0,9	–	778-0503	777-0503	778-0501	777-0501
Bicuspids + hook	-7°	0°	0,9	–	778-0513	777-0513	778-0511	777-0511

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	-6°	0°	1,2	–	777-1203	777-1203	777-1201	777-1201
Centrals + hook	-6°	0°	1,2	–	778-1213	777-1213	778-1211	777-1211
2 Laterals	-6°	0°	1,2	–	777-1203	777-1203	777-1201	777-1201
Laterals + hook	-6°	0°	1,2	–	778-1213	777-1213	778-1211	777-1211
3 Cuspids	-6°	+3°	0,7	–	778-1403	777-1403	778-1401	777-1401
Cuspids + hook	-6°	+3°	0,7	–	778-1413	777-1413	778-1411	777-1411
4 Bicuspids	-12°	+2°	0,7	–	778-1503	777-1503	778-1501	777-1501
Bicuspids + hook	-12°	+2°	0,7	–	778-1513	777-1513	778-1511	777-1511
5 Bicuspids	-17°	+2°	0,7	–	778-1603	777-1603	778-1601	777-1601
Bicuspids + hook	-17°	+2°	0,7	–	778-1613	777-1613	778-1611	777-1611

Cases | Casi

Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706-1112	706-1113	706-1114	706-1121	706-1122	706-1123
With hook 3	706-1115	706-1116	706-1117	706-1124	706-1125	706-1126
With hook 3-5	706-1118	706-1119	706-1120	706-1127	706-1128	706-1129

Mini Sprint® Brackets – Starter Kits

Roth-System

Slot .018"

CE 0297

707-1131	**Starter Kit Mini Sprint® Brackets*** without hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** senza ganci, 20 casi, 5 – 5
707-1132	**Starter Kit Mini Sprint® Brackets*** 3 with hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** 3 con gancio, 20 casi, 5 – 5
707-1133	**Starter Kit Mini Sprint® Brackets*** 3–5 with hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** 3–5 con gancio, 20 casi, 5 – 5

Slot .022"

CE 0297

707-1134	**Starter Kit Mini Sprint® Brackets*** without hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** senza ganci, 20 casi, 5 – 5
707-1135	**Starter Kit Mini Sprint® Brackets*** 3 with hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** 3 con gancio, 20 casi, 5 – 5
707-1136	**Starter Kit Mini Sprint® Brackets*** 3–5 with hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** 3–5 con gancio, 20 casi, 5 – 5

	***Additional contents in every kit:** 2 pack BioStarter-archwires .012", max. + mand. 2 pack BioTorque-archwires .016" x .022", max. + mand. 100 steel-ligatures acc. to Dr. Ch. Sander	***il kit contiene inoltre:** 2 confezioni di archi BioStarter .012", sup./inf. 2 confezioni di archi BioTorque .016" x .022", sup./inf. 100 legature metalliche

Mini Sprint® Brackets – Starter Kits

McLaughlin/Bennett/Trevisi-System

Slot .018"

CE 0297

707-1231	**Starter Kit Mini Sprint® Brackets*** without hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** senza ganci, 20 casi, 5 – 5
707-1232	**Starter Kit Mini Sprint® Brackets*** 3 with hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** 3 con gancio, 20 casi, 5 – 5
707-1233	**Starter Kit Mini Sprint® Brackets*** 3–5 with hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** 3–5 con gancio, 20 casi, 5 – 5

Slot .022"

CE 0297

707-1234	**Starter Kit Mini Sprint® Brackets*** without hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** senza ganci, 20 casi, 5 – 5
707-1235	**Starter Kit Mini Sprint® Brackets*** 3 with hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** 3 con gancio, 20 casi, 5 – 5
707-1236	**Starter Kit Mini Sprint® Brackets*** 3–5 with hook, 20 cases, 5 – 5	**Starter Kit Mini Sprint® Brackets*** 3–5 con gancio, 20 casi, 5 – 5

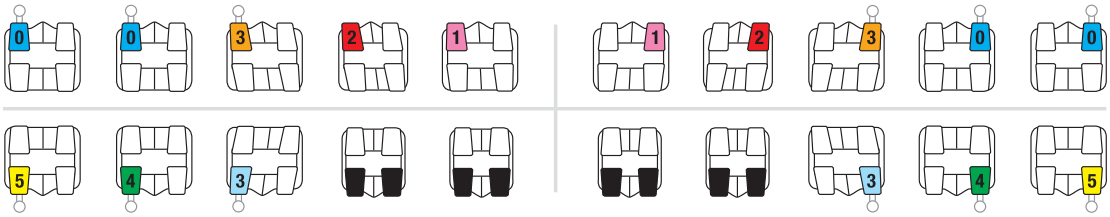
	***Additional contents in every kit:** 2 pack BioStarter-archwires .012", max. + mand. 2 pack BioTorque-archwires .016" x .022", max. + mand. 100 steel-ligatures acc. to Dr. Ch. Sander	*Il kit contiene inoltre: 2 confezioni di archi BioStarter .012", sup./inf. 2 confezioni di archi BioTorque .016" x .022", sup./inf. 100 legature metalliche

Mini Sprint® Brackets

Info
Nº 184

Roth System

Colour-marks | codice colore



Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+12°	+5°	1,0	–	788-0103	787-0103	788-0101	787-0101
2 Laterals	+8°	+9°	1,5	–	788-0203	787-0203	788-0201	787-0201
3 Cuspids	-2°	+11°	0,9	4° mesial	788-0313	787-0313	788-0311	787-0311
3 Cuspids + hook	-2°	+11°	0,9	4° mesial	788-0303	787-0303	788-0301	787-0301
4 Bicuspids	-7°	0°	0,9	2° distal	788-0513	787-0513	788-0511	787-0511
4 Bicuspids + hook	-7°	0°	0,9	2° distal	788-0503	787-0503	788-0501	787-0501
5 Bicuspids	-7°	0°	0,9	2° distal	788-0513	787-0513	788-0511	787-0511
5 Bicuspids + hook	-7°	0°	0,9	2° distal	788-0503	787-0503	788-0501	787-0501

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	0°	0°	1,5	–	787-1203	787-1203	787-1201	787-1201
1 Centrals + hook	0°	0°	1,5	–	788-1213	787-1213	788-1211	787-1211
2 Laterals	0°	0°	1,5	–	787-1203	787-1203	787-1201	787-1201
2 Laterals + hook	0°	0°	1,5	–	788-1213	787-1213	788-1211	787-1211
3 Cuspids	-10°	+7°	0,9	2° mesial	788-1413	787-1413	788-1411	787-1411
3 Cuspids + hook	-10°	+7°	0,9	2° mesial	788-1403	787-1403	788-1401	787-1401
4 Bicuspids	-17°	0°	0,7	4° mesial	788-1513	787-1513	788-1511	787-1511
4 Bicuspids + hook	-17°	0°	0,7	4° mesial	788-1503	787-1503	788-1501	787-1501
5 Bicuspids	-22°	0°	0,7	4° mesial	788-1613	787-1613	788-1611	787-1611
5 Bicuspids + hook	-22°	0°	0,7	4° mesial	788-1603	787-1603	788-1601	787-1601

Cases | Casi

Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706-1001	706-1002	706-1003	706-1016	706-1017	706-1018
With hook 3	706-1006	706-1007	706-1008	706-1021	706-1022	706-1023
With hook 3-5	706-1011	706-1012	706-1013	706-1026	706-1027	706-1028

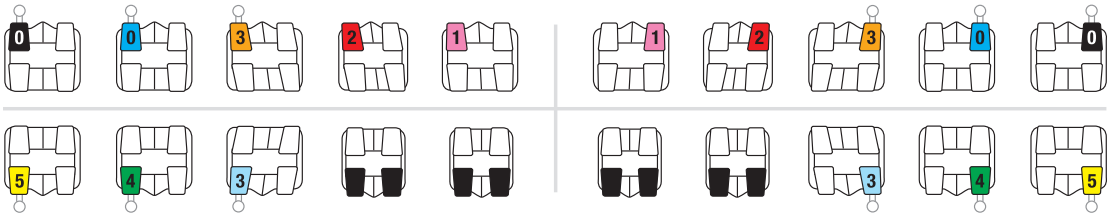
Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

Mini Sprint® Brackets

Info
N° 184

McLaughlin/Bennett/Trevisi System

Colour-marks | codice colore



Maxillary						Slot .018"		Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1	Centrals	+17°	+4°	1,0	–	780-0103	779-0103	780-0101	779-0101
2	Laterals	+10°	+8°	1,5	–	780-0203	779-0203	780-0201	779-0201
3	Cuspids	-7°	+8°	0,9	–	780-0313	779-0313	780-0311	779-0311
	Cuspids + hook	-7°	+8°	0,9	–	780-0303	779-0303	780-0301	779-0301
4	Bicuspids	-7°	0°	0,9	–	780-0413	779-0413	780-0411	779-0411
	Bicuspids + hook	-7°	0°	0,9	–	780-0403	779-0403	780-0401	779-0401
5	Bicuspids	-7°	0°	1,3	–	780-0513	779-0513	780-0511	779-0511
	Bicuspids + hook	-7°	0°	1,3	–	780-0503	779-0503	780-0501	779-0501

Mandibular						Slot .018"		Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1	Centrals	-6°	0°	1,5	–	780-1203	780-1203	780-1201	780-1201
	Centrals + hook	-6°	0°	1,5	–	780-1213	779-1213	780-1211	779-1211
2	Laterals	-6°	0°	1,5	–	780-1203	780-1203	780-1201	780-1201
	Laterals + hook	-6°	0°	1,5	–	780-1213	779-1213	780-1211	779-1211
3	Cuspids	-6°	+3°	0,9	–	780-1413	779-1413	780-1411	779-1411
	Cuspids + hook	-6°	+3°	0,9	–	780-1403	779-1403	780-1401	779-1401
4	Bicuspids	-12°	+2°	0,7	–	780-1513	779-1513	780-1511	779-1511
	Bicuspids + hook	-12°	+2°	0,7	–	780-1503	779-1503	780-1501	779-1501
5	Bicuspids	-17°	+2°	0,7	–	780-1613	779-1613	780-1611	779-1611
	Bicuspids + hook	-17°	+2°	0,7	–	780-1603	779-1603	780-1601	779-1601

Cases | Casi

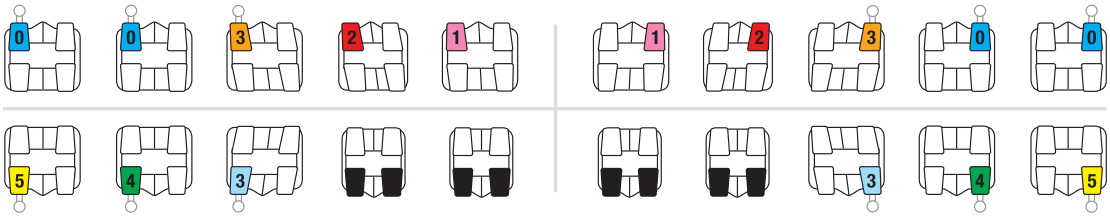
Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706-1031	706-1032	706-1033	706-1046	706-1047	706-1048
With hook 3	706-1036	706-1037	706-1038	706-1051	706-1052	706-1053
With hook 3-5	706-1041	706-1042	706-1043	706-1056	706-1057	706-1058

Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

Mini Sprint® Brackets

SWING System

Colour-marks | codice colore



Maxillary					Slot .022“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	+17°	+4°	1,0	–	780-0101	779-0101
2 Laterals	+10°	+8°	1,5	–	780-0201	779-0201
3 Cuspids + hook	-2°	+11°	0,9	4° mesial	788-0301	787-0301
4 Bicuspids + hook	-7°	0°	0,9	2° distal	788-0501	787-0501
5 Bicuspids + hook	-7°	0°	0,9	2° distal	788-0501	787-0501

Mandibular					Slot .018“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	-6°	0°	1,5	–	780-1203	780-1203
2 Laterals	-6°	0°	1,5	–	780-1203	780-1203
3 Cuspids + hook	-10°	+7°	0,9	2° mesial	788-1403	787-1403
4 Bicuspids + hook	-17°	0°	0,7	4° mesial	788-1503	787-1503
5 Bicuspids + hook	-22°	0°	0,7	4° mesial	788-1603	787-1603

Cases | Casi

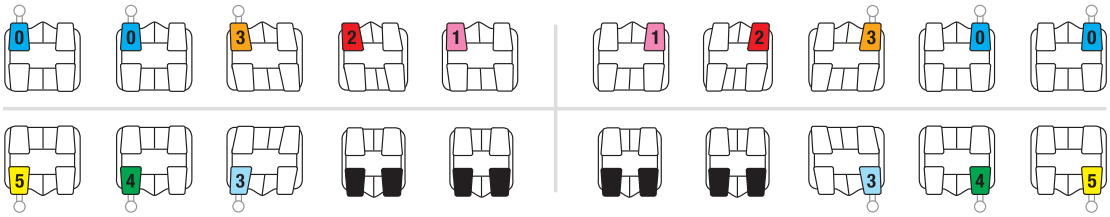
1 case	5 cases
706-1092	706-1093

Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

Sprint® Brackets

Roth System

Colour-marks | codice colore



Maxillary		Torque	Angulation	In/Out	Rotation	Slot .018" Order-no. Right	Slot .018" Order-no. Left	Slot .022" Order-no. Right	Slot .022" Order-no. Left
1	Centrals	+12°	+5°	1,0	–	786-0103	785-0103	786-0101	785-0101
2	Laterals	+8°	+9°	1,5	–	786-0203	785-0203	786-0201	785-0201
3	Cuspids	-2°	+11°	0,9	4° mesial	786-0313	785-0313	786-0311	785-0311
	Cuspids + hook	-2°	+11°	0,9	4° mesial	786-0303	785-0303	786-0301	785-0301
4	Bicuspids	-7°	0°	0,9	2° distal	786-0513	785-0513	786-0511	785-0511
	Bicuspids + hook	-7°	0°	0,9	2° distal	786-0503	785-0503	786-0501	785-0501
5	Bicuspids	-7°	0°	0,9	2° distal	786-0513	785-0513	786-0511	785-0511
	Bicuspids + hook	-7°	0°	0,9	2° distal	786-0503	785-0503	786-0501	785-0501

Mandibular		Torque	Angulation	In/Out	Rotation	Slot .018" Order-no. Right	Slot .018" Order-no. Left	Slot .022" Order-no. Right	Slot .022" Order-no. Left
1	Centrals	0°	0°	1,5	–	785-1203	785-1203	785-1201	785-1201
2	Laterals	0°	0°	1,5	–	785-1203	785-1203	785-1201	785-1201
3	Cuspids	-10°	+7°	0,9	2° mesial	786-1413	785-1413	786-1411	785-1411
	Cuspids + hook	-10°	+7°	0,9	2° mesial	786-1403	785-1403	786-1401	785-1401
4	Bicuspids	-17°	0°	0,7	4° mesial	786-1513	785-1513	786-1511	785-1511
	Bicuspids + hook	-17°	0°	0,7	4° mesial	786-1503	785-1503	786-1501	785-1501
5	Bicuspids	-22°	0°	0,7	4° mesial	786-1613	785-1613	786-1611	785-1611
	Bicuspids + hook	-22°	0°	0,7	4° mesial	786-1603	785-1603	786-1601	785-1601

Cases | Casi

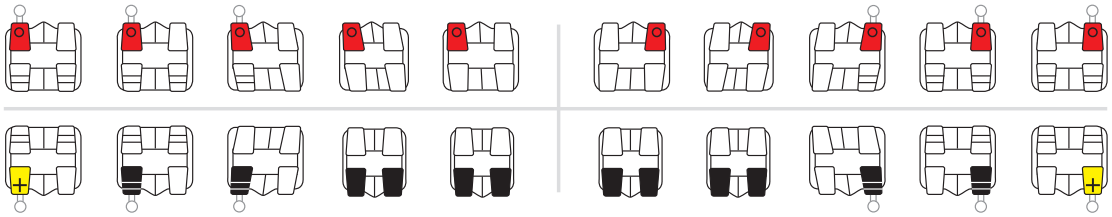
Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706-0636	706-0637	706-0638	706-0651	706-0652	706-0653
With hook 3	706-0641	706-0642	706-0643	706-0656	706-0657	706-0658
With hook 3-5	706-0646	706-0647	706-0648	706-0661	706-0662	706-0663

Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

Mini-Mono® Brackets

Roth System

Colour-marks | codice colore



NORMAL PROFILE

N

Maxillary					Slot .018"		Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Order-no. Left	Order-no. Right	Order-no. Left
1	Centrals	+12°	+5°	1,0	–	N741-0153	O740-0153	N741-0151	O740-0151
2	Laterals	+8°	+9°	1,5	–	N741-0253	O740-0253	N741-0251	O740-0251
3	Cuspids	-2°	+13°/ *9°	0,9	4° mesial	N741-0363	O740-0363	N741-0361	O740-0361
	Cuspids + hook	-2°	+13°/ *9°	0,9	4° mesial	N741-0353	O740-0353	N741-0351	O740-0351
4	Bicuspids	-7°	0°	0,9	2° distal	N741-0513	O740-0513	N741-0511	O740-0511
	Bicuspids + hook	-7°	0°	0,9	2° distal	N741-0503	O740-0503	N741-0501	O740-0501
5	Bicuspids	-7°	0°	0,9	2° distal	N741-0513	O740-0513	N741-0511	O740-0511
	Bicuspids + hook	-7°	0°	0,9	2° distal	N741-0503	O740-0503	N741-0501	O740-0501

*9° Angulation as special execution see next page / 9° Per questa angolazione consultare la pagina seguente

Mandibular					Slot .018"		Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Order-no. Left	Order-no. Right	Order-no. Left
1	Centrals	0°	0°	1,5	–	M740-1203	M740-1203	M740-1201	M740-1201
2	Laterals	0°	0°	1,5	–	M740-1203	M740-1203	M740-1201	M740-1201
3	Cuspids	-11°	+7°	0,9	2° mesial	Q741-1463	P740-1463	Q741-1461	P740-1461
	Cuspids + hook	-11°	+7°	0,9	2° mesial	Q741-1453	P740-1453	Q741-1451	P740-1451
4	Bicuspids	-17°	0°	0,7	4° mesial	Q741-1513	P740-1513	Q741-1511	P740-1511
	Bicuspids + hook	-17°	0°	0,7	4° mesial	Q741-1503	P740-1503	Q741-1501	P740-1501
5	Bicuspids	-22°	0°	0,7	4° mesial	Q741-1613	P740-1613	Q741-1611	P740-1611
	Bicuspids + hook	-22°	0°	0,7	4° mesial	Q741-1603	P740-1603	Q741-1601	P740-1601

Cases | Casi

Variation	Slot .018"			Slot .022"		
Cases	1	5	10	1	5	10
Without hook	706-0190	706-0191	706-0192	706-0200	706-0201	706-0202
With hook 3	706-0516	706-0517	706-0518	706-0526	706-0527	706-0528
With hook 3-5	706-0185	706-0186	706-0187	706-0195	706-0196	706-0197

Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

Mini-Mono® Brackets

**9° Angulation as special execution | Angolazione speciale*

Roth System

Maxillary						Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
3	Cuspids	-2°	+9°	0,9	4° mesial	N741-0381	O740-0381
	Cuspids + hook	-2°	+9°	0,9	4° mesial	N741-0371	O740-0371

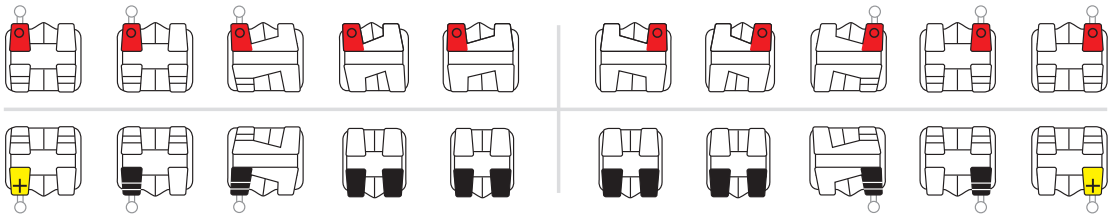
Bands and buccal tubes see page 4.6 - 4.9/Bande e tubi buccali sono a pagina 4.6 - 4.9

NORMAL PROFILE

N

Roth-System Vertical Slot (5-5) – Vertical Slot .018" x .018"*

Colour-marks | codice colore



NORMAL PROFILE

N

Maxillary						Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1	Centrals	+12°	+5°	1,0	–	N771-0101	O770-0101
2	Laterals	+8°	+9°	1,5	–	N771-0201	O770-0201
3	Cuspids	-2°	+13°	0,9	4° mesial	N771-0311	O770-0311
	Cuspids + hook	-2°	+13°	0,9	4° mesial	N771-0301	O770-0301
4	Bicuspids	-7°	0°	0,9	2° distal	N771-0511	O770-0511
	Bicuspids + hook	-7°	0°	0,9	2° distal	N771-0501	O770-0501
5	Bicuspids	-7°	0°	0,9	2° distal	N771-0511	O770-0511
	Bicuspids + hook	-7°	0°	0,9	2° distal	N771-0501	O770-0501

Mandibular						Slot .022"	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1	Centrals	0°	0°	1,5	–	M770-1201	M770-1201
2	Laterals	0°	0°	1,5	–	M770-1201	M770-1201
3	Cuspids	-11°	+7°	0,9	2° mesial	Q771-1411	P770-1411
	Cuspids + hook	-11°	+7°	0,9	2° mesial	Q771-1401	P770-1401
4	Bicuspids	-17°	0°	0,7	4° mesial	Q771-1511	P770-1511
	Bicuspids + hook	-17°	0°	0,7	4° mesial	Q771-1501	P770-1501
5	Bicuspids	-22°	0°	0,7	4° mesial	Q771-1611	P770-1611
	Bicuspids + hook	-22°	0°	0,7	4° mesial	Q771-1601	P770-1601

Cases | Casi

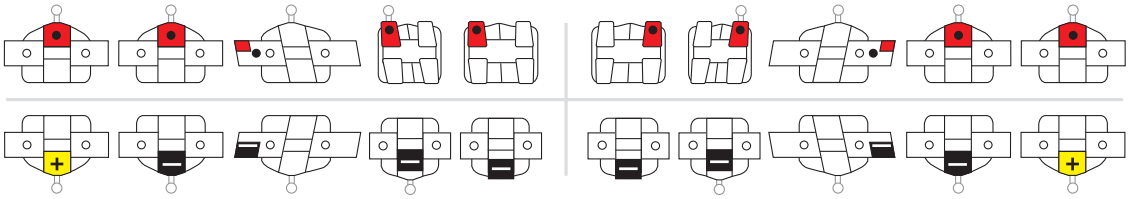
Variation	Slot .022"		
Cases	1	5	10
Without hook	706-0551	706-0552	706-0553
With hook 3	706-0556	706-0557	706-0558
With hook 3-5	706-0561	706-0562	706-0563

Bands and buccal tubes see page 4.6 - 4.9 | Bande e tubi buccali sono a pagina 4.6 - 4.9

Mini-Mono® Brackets

Alexander-System

Colour-marks | codice colore



SMALL PROFILE

S

Maxillary					Slot .018“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	+14°	+5°	1,0	–	N776-2103	O775-2103
2 Laterals + hook	+7°	+8°	1,5	–	N776-2203	O775-2203
3 Cuspids	-3°	+10°	0,8	–	N776-2303	O775-2303
Cuspids + hook	-3°	+10°	0,8	–	N776-2313	O775-2313
4 Bicuspids	-7°	0°	0,8	–	L775-2503	L775-2503
Bicuspids + hook	-7°	0°	0,8	–	L775-2513	L775-2513
5 Bicuspids	-7°	0°	0,8	–	L775-2503	L775-2503
Bicuspids + hook	-7°	0°	0,8	–	L775-2513	L775-2513

Mandibular					Slot .018“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	-5°	0°	1,5	–	M775-3203	M775-3203
2 Laterals + hook	-5°	0°	1,5	–	M775-3303	M775-3303
3 Cuspids	-7°	+6°	0,8	–	Q776-3403	P775-3403
Cuspids + hook	-7°	+6°	0,8	–	Q776-3413	P775-3413
4 Bicuspids	-11°	0°	0,8	–	M775-3503	M775-3503
Bicuspids + hook	-11°	0°	0,8	–	M775-3513	M775-3513
5 Bicuspids	-17°	0°	0,8	–	M775-3603	M775-3603
Bicuspids + hook	-17°	0°	0,8	–	M775-3613	M775-3613

Cases | Casi

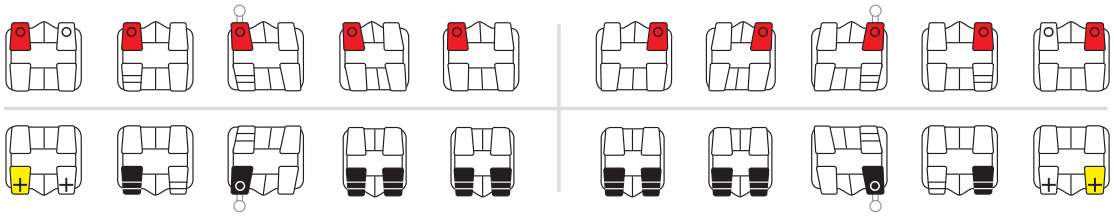
Variation	Slot .018“		
Cases	1	5	10
Without hook	–	–	–
With hook 2	706-0277	706-0278	706-0279
With hook 2-5	706-0451	706-0452	706-0453

Bands and buccal tubes see page 4.12 - 4.13/Bande e tubi buccali sono a pagina 4.12 - 4.13

Mini-Mono® Brackets

Hilgers-System

Colour-marks | codice colore



SMALL PROFILE

S

Maxillary CE 0297					Slot .018“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	+22°	+5°	1,0	–	N774-2103	O773-2103
2 Laterals	+14°	+8°	1,0	–	N774-2203	O773-2203
3 Cuspids + hook	+7°	+10°	0,8	–	N774-2313	O773-2313
4 Bicuspids	-7°	0°	0,8	–	L773-2503	L773-2503
5 Bicuspids	-7°	0°	0,8	–	L773-2503	L773-2503

Mandibular CE 0297					Slot .018“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	0°	0°	1,5	–	M773-3203	M773-3203
2 Laterals	0°	0°	1,5	–	M773-3203	M773-3203
3 Cuspids + hook	+7°	+5°	0,8	–	Q774-3413	P773-3413
4 Bicuspids	-11°	0°	0,8	–	M773-3503	M773-3503
5 Bicuspids	-17°	0°	0,8	–	M773-3603	M773-3603

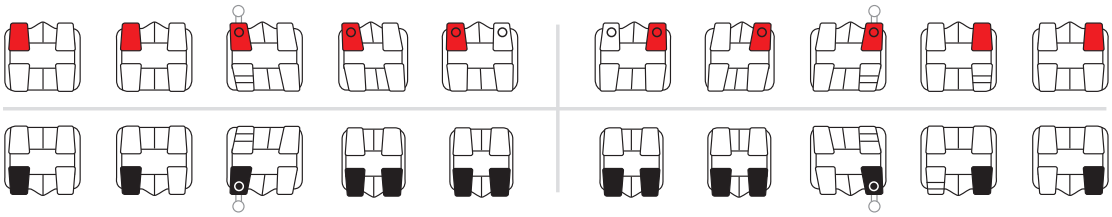
Cases | Casi CE 0297

Variation	Slot .018“		
Cases	1	5	10
With hook 3	706-0297	706-0298	706-0299

Bands and buccal tubes see page 4.14 - 4.15/Bande e tubi buccali sono a pagina 4.14 - 4.15

Standard-Ricketts-System

Colour-marks | codice colore



Maxillary					NORMAL PROFILE N Slot .018"		SMALL PROFILE S Slot .018"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Right	Left
1 Centrals	+22°	0°	1,0	–	L723-0103	L723-0103	L703-0103	L703-0103
2 Laterals	+14°	+8°	1,0	–	N724-0203	O723-0203	N704-0203	O703-0203
3 Cuspids	+7°	+5°	1,0	–	N724-0303	O723-0303	N704-0303	O703-0303
Cuspids + hook	+7°	+5°	1,0	–	N724-0313	O723-0313	N704-0313	O703-0313
4 Bicuspids	0°	0°	1,0	–	K722-0503	K722-0503	K702-0503	K702-0503
5 Bicuspids	0°	0°	1,0	–	K722-0503	K722-0503	K702-0503	K702-0503

Mandibular					NORMAL PROFILE N Slot .018"		SMALL PROFILE S Slot .018"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Right	Left
1 Centrals	0°	0°	1,0	–	M722-1203	M722-1203	M702-1203	M702-1203
2 Laterals	0°	0°	1,0	–	M722-1203	M722-1203	M702-1203	M702-1203
3 Cuspids	+7°	+5°	1,0	–	Q723-0303	P724-0303	Q703-0303	P704-0303
Cuspids + hook	+7°	+5°	1,0	–	Q723-0313	P724-0313	Q703-0313	P704-0313
4 Bicuspids	0°	0°	1,0	–	K722-0503	K722-0503	K702-0503	K702-0503
5 Bicuspids	0°	0°	1,0	–	K722-0503	K722-0503	K702-0503	K702-0503

Cases | Casi

Variation	NORMAL PROFILE N Slot .018"			SMALL PROFILE S Slot .018		
Cases	1	5	10	1	5	10
Without hook	706-0416	706-0417	706-0418	706-0219	706-0220	706-0221
With hook 3	706-0411	706-0412	706-0413	706-0287	706-0288	706-0289

Bands and buccal tubes see page 4.16 - 4.17/Bande e tubi buccali sono a pagina 4.16 - 4.17

Mini-Mono® Brackets

Standard-Edgewise-System

SMALL PROFILE

S

Maxillary					Slot .018“		Slot .022“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	–	–	–	–	L702-0103	L702-0103	L702-0101	L702-0101
2 Laterals	–	–	–	–	L702-0203	L702-0203	L702-0201	L702-0201
3 Cuspids	–	–	–	–	K702-0503	K702-0503	K702-0501	K702-0501
4 Bicuspids	–	–	–	–	K702-0503	K702-0503	K702-0501	K702-0501
5 Bicuspids	–	–	–	–	K702-0503	K702-0503	K702-0501	K702-0501

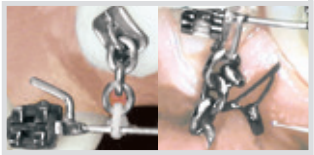
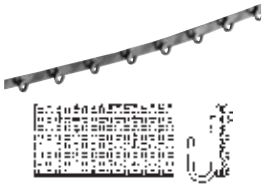
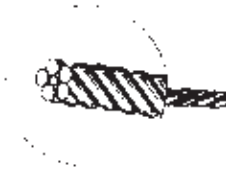
Mandibular					Slot .018“		Slot .022“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	–	–	–	–	M702-1203	M702-1203	M702-1201	M702-1201
2 Laterals	–	–	–	–	M702-1203	M702-1203	M702-1201	M702-1201
3 Cuspids	–	–	–	–	K702-0503	K702-0503	K702-0501	K702-0501
4 Bicuspids	–	–	–	–	K702-0503	K702-0503	K702-0501	K702-0501
5 Bicuspids	–	–	–	–	K702-0503	K702-0503	K702-0501	K702-0501

Cases | Casi

Variation	Slot .018“			Slot .022“		
Cases	1	5	10	1	5	10
Without hook	706-0209	706-0211	706-0212	706-0210	706-0215	706-0216

Bands and buccal tubes see page 4.16 - 4.17/Bande e tubi buccali sono a pagina 4.16 - 4.17

Auxiliary
Accessori

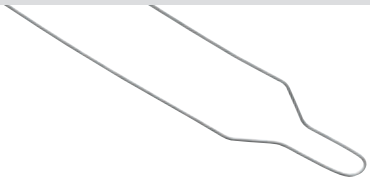
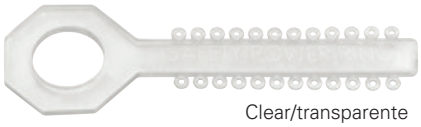
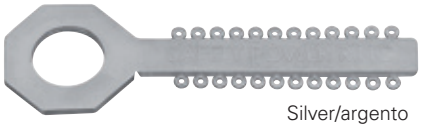
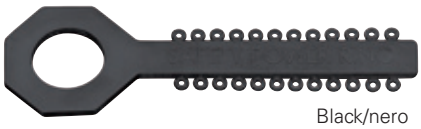
Order No.		contents confezione	description descrizione
760-0030		10	**Eruption chain** to realign displaced teeth **Catena di trazione** per il riallineamento dei denti 
760-0031		10	**Bonding-Pad** with connection **Pad adesivo** con anello
760-0025		10	**Catching-Hook** for intruded short clinical crowns **Gancio di attacco** per corone cliniche molto corte
760-0070	 	10	**Lingual Retainer** pad for individual preparation of retainers for direct application without prior fitting on the model **Ritentore linguale** per contenzione: sistema di bloccaggio del filo per ritenzione, da incollare direttamente sul dente
261-4040	 ø 0,40 mm = .016 inch	10	**6-twist braided,** soft wire is especially suited for adapting purposes. Pieces of 355 mm / 14“ length **Filo intrecciato a 6 capi morbido.** Di facile adattamento e modellazione. Barre da 355mm/14"
413-0011		50	**Medical grade Silicone** for temporary relief from appliance irritation **Silicone medicale** – contro i decubiti da apparecchiature fisse

Auxiliary
Accessori

CE 0297

Order No. for welding a puntare	Order No. on pad su pad	Type tipo	contents confezione	description descrizione
760-0014	760-0614		10	**Double lingual cleat** **Gancio ad ali di gabbiano**
760-0001	760-0801		10	**Lingual buttons** with short neck **Bottone linguale** a collo corto
760-0002	760-0802		10	**Lingual buttons** with long neck **Bottone linguale** a collo lungo
760-0005	760-0805		10	**Lingual buttons,** large contoured base **Bottone linguale** a base larga
501-0854				**Bracket debonding** plier with notch for Micro Sprint Brackets **Pinza rimozione attacchi** per Micro Sprint Brackets

Auxiliary
Accessori

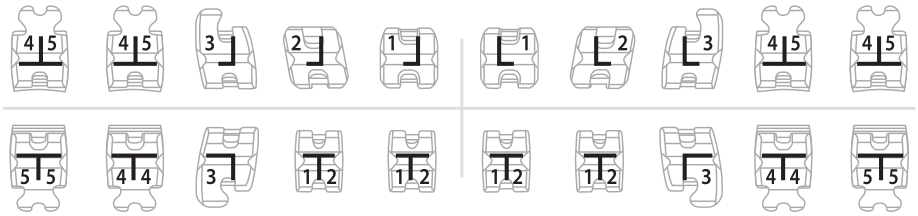
Order no.		contents confezione	description descrizione
655-0015 CE 0297		1 roll (1,5 m) 1 roll (1,5 m)	**Lingual elastic chain –** flatter than standard-chains **Catenella elastica ultra-sottile ideale** per la tecnica linguale
312-1001 CE 0297		1000	**Preformed ligature wire** Ø 0,2 mm, (.008") **legature metalliche extra-sottili** Ø 0,2 mm, (.008")
CE 659-0200	 Clear/transparente	960	**Elastic ligatures –** small version, ideal for Micro Sprint Brackets **Elastic ligatures –** piccolo, ideale per attacchi Micro Sprint
659-0201	 Silver/argento		
659-0202	 Black/nero		

Aesthetic materials
Attacchi estetici

GLAM®-Brackets

Roth System

Colour-marks | codice colore



GLAM®-Brackets Roth System

Maxillary		Torque	Angulation	In/Out	Rotation	Slot .018" Order-no. Right	Slot .018" Order-no. Left	Slot .022" Order-no. Right	Slot .022" Order-no. Left
1	Centrals	+12°	+5°	1,0	–	G764-0103	G763-0103	G764-0101	G763-0101
2	Laterals	+8°	+9°	1,5	–	G764-0203	G763-0203	G764-0201	G763-0201
3	Cuspids	-2°	+11°	1,0	4° mesial	G764-0303	G763-0303	G764-0301	G763-0301
	Cuspids + hook	-2°	+11°	1,0	4° mesial	G764-0313	G763-0313	G764-0311	G763-0311
4	Bicuspids	-7°	0°	1,0	2° distal	G763-0503	G763-0503	G763-0501	G763-0501
	Bicuspids + hook	-7°	0°	1,0	2° distal	G763-0513	G763-0513	G763-0511	G763-0511
5	Bicuspids	-7°	0°	1,0	2° distal	G763-0503	G763-0503	G763-0501	G763-0501
	Bicuspids + hook	-7°	0°	1,0	2° distal	G763-0513	G763-0513	G763-0511	G763-0511

Mandibular		Torque	Angulation	In/Out	Rotation	Slot .018" Order-no. Right	Slot .018" Order-no. Left	Slot .022" Order-no. Right	Slot .022" Order-no. Left
1	Centrals	0°	0°	1,5	–	G763-1203	G763-1203	G763-1201	G763-1201
2	Laterals	0°	0°	1,5	–	G763-1203	G763-1203	G763-1201	G763-1201
3	Cuspids	-11°	+7°	1,0	2° mesial	G764-1403	G763-1403	G764-1401	G763-1401
	Cuspids + hook	-11°	+7°	1,0	2° mesial	G764-1413	G763-1413	G764-1411	G763-1411
4	Bicuspids	-17°	0°	0,7	–	G763-1503	G763-1503	G763-1501	G763-1501
	Bicuspids + hook	-17°	0°	0,7	–	G763-1513	G763-1513	G763-1511	G763-1511
5	Bicuspids	-22°	0°	0,7	–	G763-1603	G763-1603	G763-1601	G763-1601
	Bicuspids + hook	-22°	0°	0,7	–	G763-1613	G763-1613	G763-1611	G763-1611

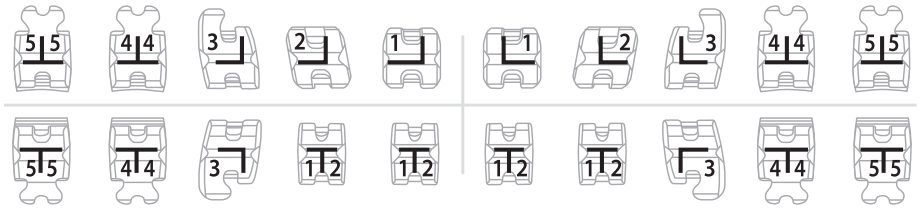
Cases | Casi

Variation	Slot .018"		Slot .022"	
Cases	**1**	**3**	**1**	**3**
Without hook	G706-0700	G706-0701	G706-0705	G706-0706
With hook 3	G706-0710	G706-0711	G706-0715	G706-0716
With hook 3-5	G706-0720	G706-0721	G706-0725	G706-0726

GLAM®-Brackets

McLaughlin/Bennett/Trevisi-System

Colour-marks | codice colore



GLAM®-McLaughlin/Bennett/Trevisi-System

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+17°	+4°	1,0	–	G762-0103	G761-0103	G762-0101	G761-0101
2 Laterals	+10°	+8°	1,5	–	G762-0203	G761-0203	G762-0201	G761-0201
3 Cuspids	-7°	+8°	1,0	–	G762-0303	G761-0303	G762-0301	G761-0301
Cuspids + hook	-7°	+8°	1,0	–	G762-0313	G761-0313	G762-0311	G761-0311
4 Bicuspids	-7°	0°	1,0	–	G761-0403	G761-0403	G761-0401	G761-0401
Bicuspids + hook	-7°	0°	1,0	–	G761-0413	G761-0413	G761-0411	G761-0411
5 Bicuspids	-7°	0°	1,3	–	G761-0503	G761-0503	G761-0501	G761-0501
Bicuspids + hook	-7°	0°	1,3	–	G761-0513	G761-0513	G761-0511	G761-0511

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	-6°	0°	1,5	–	G761-1203	G761-1203	G761-1201	G761-1201
2 Laterals	-6°	0°	1,5	–	G761-1203	G761-1203	G761-1201	G761-1201
3 Cuspids	-6°	+3°	1,0	–	G762-1403	G761-1403	G762-1401	G761-1401
Cuspids + hook	-6°	+3°	1,0	–	G762-1413	G761-1413	G762-1411	G761-1411
4 Bicuspids	-12°	+2°	0,7	–	G761-1503	G761-1503	G761-1501	G761-1501
Bicuspids + hook	-12°	+2°	0,7	–	G761-1513	G761-1513	G761-1511	G761-1511
5 Bicuspids	-17°	+2°	0,7	–	G761-1603	G761-1603	G761-1601	G761-1601
Bicuspids + hook	-17°	+2°	0,7	–	G761-1613	G761-1613	G761-1611	G761-1611

Cases | Casi

Variation	Slot .018"		Slot .022"	
Cases	1	3	1	3
Without hook	G706-0759	G706-0760	G706-0735	G706-0736
With hook 3	G706-0762	G706-0763	G706-0740	G706-0741
With hook 3-5	G706-0765	G706-0766	G706-0745	G706-0746

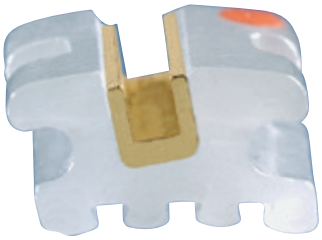
Aspire® Gold Ceramic Brackets – an aesthetical highlight.
Aspire® Gold Ceramic Bracket – il massimo dell'estetica.

Aspire® Gold Ceramic Brackets convince through natural look, low profile and easy handling.

Aspire® Gold Ceramic Bracket ti seduce con il suo aspetto naturale, il profilo sottile e la semplicità d'uso.

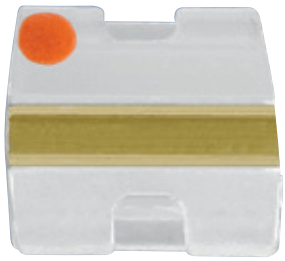
User Friendly
Undercuts on the bracket base give excellent retention, similar to metal brackets with a mesh base. For bonding, normal orthodontic adhesives can be used. There is no need for special bonding enhancers.Debonding has the same procedure as a metal bracket. There are no specific instruments or techniques needed.

Semplice da usare
I sottosquadri della base dell'attacco garantiscono un'eccellente ritenzione, comparabile a quella dei bracket metallici. Si incollano con compositi ortodontici standard, auto e fotopolimerizzanti, senza usare particolari attenzioni. Il debonding avviene come con gli attacchi metallici, senza necessità di speciali strumenti o tecniche.



Reliable
Dovetail-like undercuts on the bracket base guarantee the same bond strength as metal brackets.

Affidabile
I sottosquadri ad incastro sulla base dell'attacco garantiscono la medesima ritenzione dei bracket metallici.



Speedy Success
Compared to an ordinary ceramic bracket the gold slot of the Aspire® Gold bracket reduces friction to a minimum. The improved power transmission results in faster treatment.

Rapida efficacia
Lo slot in oro di Aspire® Gold bracket riduce al minimo la frizione con l'arco, specialmente se confrontata con i comuni attacchi ceramici. La migliorata trasmissione della forze rende la terapia più rapida.

A Perfect Completion
To reduce friction even further the river finish gold range of NiTi wires can be used. The surface of the BioStarter®, Low Force and Triple Force archwires are specially treated with a plasma coating and perfectly match the gold slot of the Aspire® Gold Brackets.

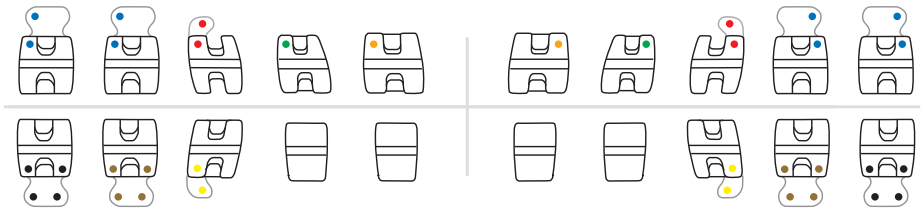
Una coppia perfetta
Per ridurre ulteriormente la frizione, si possono utilizzare gli archi con trattamento River Finish Gold (Forestadent). La superficie degli archi BioStarter®, BioTorque®, Low Force e Triple Force è stata sottoposta ad uno speciale trattamento di rivestimento al plasma che li fa scorrere in modo ottimale nello slot in oro di Aspire® Gold bracket.

*Aspire® Gold Ceramic Brackets**

with Gold-Sliding-Guide/Con slot in oro

Roth System

Colour-marks | codice colore



Aspire® Gold Ceramic Brackets Roth System

Maxillary						Slot .018“		Slot .022“	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1	Centrals	+12°	+5°	1,0	–	764-0103	763-0103	764-0101	763-0101
2	Laterals	+8°	+9°	1,5	–	764-0203	763-0203	764-0201	763-0201
3	Cuspids	0°	+11°	0,9	4° mesial	764-0303	763-0303	764-0301	763-0301
	Cuspids + hook	0°	+11°	0,9	4° mesial	764-0313	763-0313	764-0311	763-0311
4	Bicuspids	-7°	0°	0,9	2° distal	764-0503	763-0503	764-0501	763-0501
	Bicuspids + hook	-7°	0°	0,9	2° distal	764-0513	763-0513	764-0511	763-0511
5	Bicuspids	-7°	0°	0,9	2° distal	764-0503	763-0503	764-0501	763-0501
	Bicuspids + hook	-7°	0°	0,9	2° distal	764-0513	763-0513	764-0511	763-0511

Mandibular						Slot .018“		Slot .022“	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1	Centrals	0°	0°	1,5	–	763-1203	763-1203	763-1201	763-1201
2	Laterals	0°	0°	1,5	–	763-1203	763-1203	763-1201	763-1201
3	Cuspids	-11°	+5°	0,9	2° mesial	764-1403	763-1403	764-1401	763-1401
	Cuspids + hook	-11°	+5°	0,9	2° mesial	764-1413	763-1413	764-1411	763-1411
4	Bicuspids	-17°	0°	0,7	–	763-1503	763-1503	763-1501	763-1501
	Bicuspids + hook	-17°	0°	0,7	–	763-1513	763-1513	763-1511	763-1511
5	Bicuspids	-22°	0°	0,7	–	763-1603	763-1603	763-1601	763-1601
	Bicuspids + hook	-22°	0°	0,7	–	763-1613	763-1613	763-1611	763-1611

Cases | Casi

Variation	Slot .018“			Slot .022“		
Cases / Brackets 5-5	**1**	**5**	**10**	**1**	**5**	**10**
Without hook	706-0700	706-0701	706-0702	706-0705	706-0706	706-0707
With hook 3	706-0710	706-0711	706-0712	706-0715	706-0716	706-0717
With hook 3-5	706-0720	706-0721	706-0722	706-0725	706-0726	706-0727
Cases / Brackets 3-3	–	**5**	–	–	**5**	–
Without hook	–	706-0731	–	–	706-0733	–
With hook 3	–	706-0732	–	–	706-0734	–

* available per piece - disponibile per pezzo

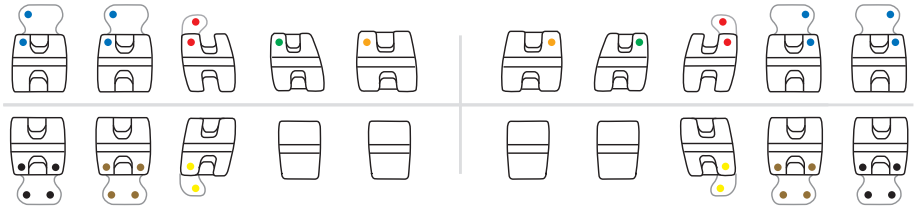
*Aspire® Gold Ceramic Brackets**

with Gold-Sliding-Guide/Con slot in oro

McLaughlin/Bennett/Trevisi-System

Info
N° 150

Colour-marks | codice colore



Aspire® Gold Ceramic Brackets McLaughlin/Bennett/Trevisi-System

Maxillary						Slot .022“	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1	Centrals	+17°	+4°	1,0	–	762-0101	761-0101
2	Laterals	+10°	+8°	1,5	–	762-0201	761-0201
3	Cuspids	-7°	+8°	0,9	–	762-0301	761-0301
	Cuspids + hook	-7°	+8°	0,9	–	762-0311	761-0311
4	Bicuspids	-7°	0°	0,9	–	762-0501	761-0501
	Bicuspids + hook	-7°	0°	0,9	–	762-0511	761-0511
5	Bicuspids	-7°	0°	1,3	–	762-0501	761-0501
	Bicuspids + hook	-7°	0°	1,3	–	762-0511	761-0511

Mandibular						Slot .022“	
Tooth		Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1	Centrals	-6°	0°	1,5	–	761-1201	761-1201
2	Laterals	-6°	0°	1,5	–	761-1201	761-1201
3	Cuspids	-6°	+3°	0,9	–	762-1401	761-1401
	Cuspids + hook	-6°	+3°	0,9	–	762-1411	761-1411
4	Bicuspids	-12°	+2°	0,7	–	762-1501	761-1501
	Bicuspids + hook	-12°	+2°	0,7	–	762-1511	761-1511
5	Bicuspids	-17°	+2°	0,7	–	762-1601	761-1601
	Bicuspids + hook	-17°	+2°	0,7	–	762-1611	761-1611

Cases | Casi

Variation	Slot .022“		
Cases / Brackets 5-5	**1**	**5**	**10**
Without hook	706-0735	706-0736	706-0737
With hook 3	706-0740	706-0741	706-0742
With hook 3-5	706-0745	706-0746	706-0747
Cases / Brackets 3-3	–	**5**	–
Without hook	–	706-0750	–
With hook 3	–	706-0751	–

* available per piece - disponibile per pezzo

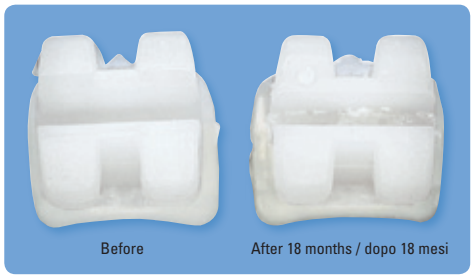
Basic features, advantages and disadvantages of aesthetic brackets in general
Caratteristiche, vantaggi e svantaggi degli attacchi estetici in generale

	PC Plastic Brackets / Attacchi plastica PC Brillant (POM) | Aesthetic line (PC)				**Ceramic Brackets / Attacchi in ceramica** GLAM, Aspire Gold			
	very good Ottimo	good Buono	not so good medio	bad scarso	very good Ottimo	good Buono	not so good medio	bad scarso
Aesthetics/Estetica		PC | POM			X			
Long term discolouring Alterazione del colore nel tempo		POM		PC	X			
Bonding/Incollaggio		PC | POM			X			
Bond strength/ Adesione		PC | POM			X			
Friction*/Frizione*		PC | POM						X
Potential enamel abrasion Possibilità di danni allo smalto	PC | POM							X
Stability of tie wings Tenuta delle alette		POM	PC		X			
Debonding/Debonding	PC | POM						X	
Price/prezzo	PC | POM						X	

Brillant® Brackets – discreet and comfortable
Brillant® Brackets – invisibili e confortevoli

Brillant® Brackets, made of a tooth coloured plastic, are almost invisible. Polyoxymethylene is a material giving high colour stability, low friction and high wear resistance. Excellent friction and bond strength guarantee gentle and fast treatment.

I Brillant® brackets, realizzati in polimero con colore del dente, sono pressoché invisibili. Il poliossimetilene è un tecnopolimero che offre stabilità cromatica, bassa frizione ed elevata resistenza all'abrasione. Ottima scorrevolezza e sicura adesione garantiscono terapie rapide e confortevoli.

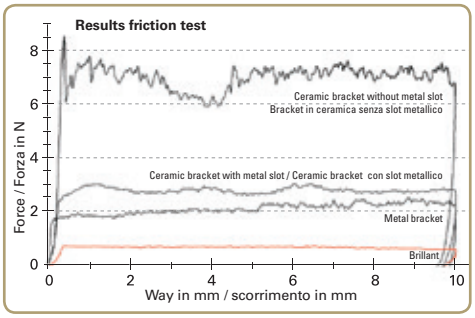


Just brilliant
There is only little discolouring even after long treatment.

Proprio brillanti
Anche dopo un lungo tempo di utilizzo, il colore rimane inalterato.

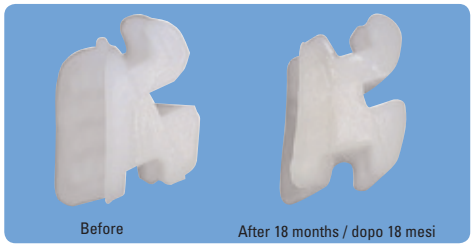
Reliable
The uniquely designed and sandblasted bracket base offers excellent bond strength. Brillant® Brackets offer the same bond strength as mesh pad brackets. Any mix or single paste adhesive is suitable for bonding. No additional bracket primer or adhesion booster is necessary.

Affidabili
La base con ritenzioni 3D microsabbiate offre un'eccellente ritenzione. Brillant® aderisce come un attacco con base mesh. Si possono impiegare tutti gli adesivi in pasta, mix e non-mix. Non sono necessari promotori di adesione o altri prodotti.



Speedy Success
Friction is reduced by 70 % compared to a good metal bracket. In comparison to a ceramic bracket it is even reduced by 90 %. That is the result of friction tests of diverse brackets and Brillant® Brackets using a NiTi archwire. Consequently, the improved force transmission results in shorter treatment times.

Rapido successo
La frizione è del 70 % inferiore rispetto ad un attacco in metallo. In confronto ad un attacco in ceramica, la frizione si riduce addirittura del 90 %, come risulta da test comparativi condotti con i medesimi archi NiTi. La migliorata trasmissione delle forze assicura terapie più rapide.



User friendly
Brillant® Brackets offer not only excellent bond strength but also trouble-free debonding. There are neither fractures nor enamel chipping.

Facili da usare
I Brillant® brackets offrono eccellente adesione e debonding semplicissimo. Non si corrono rischi di fratture o lesioni allo smalto.

Feature
The Roth system offers canine brackets with tooth-coloured hooks.

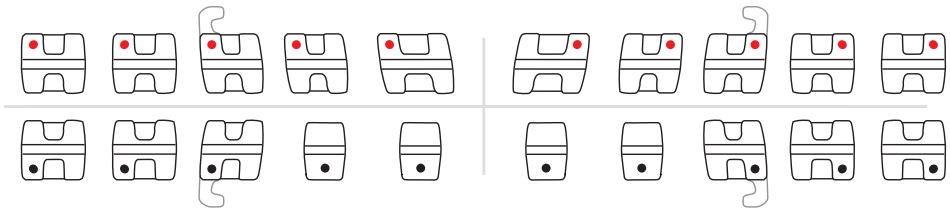
Un dettaglio prezioso
Nella prescrizione Roth, è disponibile il gancio sul canino, sempre nel colore del dente.

Brillant® Brackets

Info
Nº 146

Roth System

Colour-marks | codice colore



Brillant® Brackets Roth System

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+12°	+5°	1,0	–	766-0103	765-0103	766-0101	765-0101
2 Laterals	+8°	+9°	1,5	–	766-0203	765-0203	766-0201	765-0201
3 Cuspids	-2°	+13°	0,9	4° mesial	*766-0303	*765-0303	*766-0301	*765-0301
3 Cuspids + hook	-2°	+13°	0,9	4° mesial	766-0313	765-0313	766-0311	765-0311
4 Bicuspids	-7°	0°	0,9	2° distal	766-0503	765-0503	766-0501	765-0501
5 Bicuspids	-7°	0°	0,9	2° distal	766-0503	765-0503	766-0501	765-0501

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	0°	0°	1,5	–	765-1203	765-1203	765-1201	765-1201
2 Laterals	0°	0°	1,5	–	765-1203	765-1203	765-1201	765-1201
3 Cuspids	-11°	+7°	0,9	2° mesial	*766-1403	*765-1403	*766-1401	*765-1401
3 Cuspids + hook	-11°	+7°	0,9	2° mesial	*766-1413	*765-1413	*766-1411	*765-1411
4 Bicuspids	-17°	-1°	0,7	4° distal	766-1503	765-1503	766-1501	765-1501
5 Bicuspids	-22°	-1°	0,7	4° distal	766-1603	765-1603	766-1601	765-1601

* Vertical-slot Ø .016" = 0,40 mm

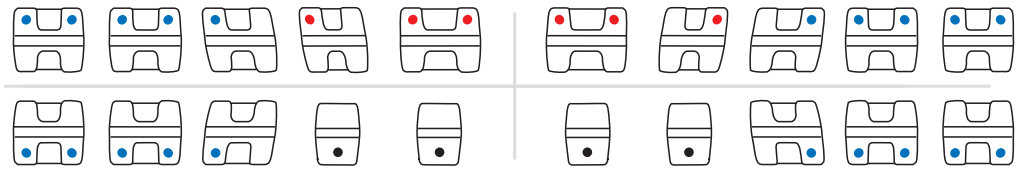
Cases | Casi

Variation	Slot .018"			Slot .022"		
Cases / Brackets 5-5	**1**	**5**	**10**	**1**	**5**	**10**
Without hook	706-0471	706-0472	706-0473	706-0476	706-0477	706-0478
With hook 3	706-0491	706-0492	706-0493	706-0496	706-0497	706-0498
Cases / Brackets 3-3	–	**5**	–	–	**5**	–
Without hook	–	706-0481	–	–	706-0482	–
With hook 3	–	706-0483	–	–	706-0484	–

Brillant® Brackets

Standard-Ricketts System

Colour-marks | codice colore



Brillant® Brackets Standard-Ricketts System

Maxillary CE 0297					**Slot .018“**	
					Order-no.	
Tooth	**Torque**	**Angulation**	**In/Out**	**Rotation**	**Right**	**Left**
1 Centrals	+22°	0°	1,0	–	768-0103	768-0103
2 Laterals	+14°	+8°	1,0	–	769-0203	768-0203
3 Cuspids	+7°	+5°	1,0	–	*769-0303	*768-0303
4 Bicuspids	0°	0°	1,0	–	*767-0503	*767-0503
5 Bicuspids	0°	0°	1,0	–	*767-0503	*767-0503

Mandibular CE 0297					**Slot .018“**	
					Order-no.	
Tooth	**Torque**	**Angulation**	**In/Out**	**Rotation**	**Right**	**Left**
1 Centrals	0°	0°	1,0	–	767-1203	767-1203
2 Laterals	0°	0°	1,0	–	767-1203	767-1203
3 Cuspids	+7°	+5°	1,0	–	*768-0303	*769-0303
4 Bicuspids	0°	0°	1,0	–	*767-0503	*767-0503
5 Bicuspids	0°	0°	1,0	–	*767-0503	*767-0503

* Vertical-slot Ø .016“ = 0,40 mm

Cases | Casi

CE 0297

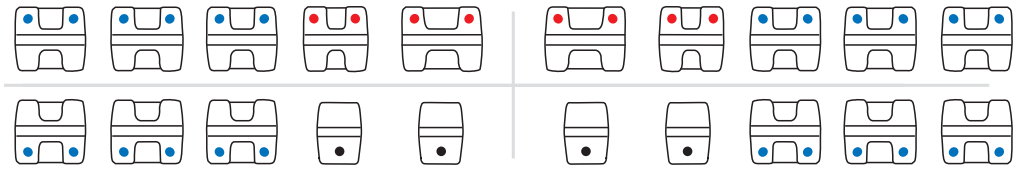
Variation	**Slot .018“**		
Cases / Brackets 5-5	**1**	**5**	**10**
Without hook	706-0666	706-0667	706-0668
Cases / Brackets 3-3	–	**5**	–
Without hook	–	706-0671	–

Brillant® Brackets

Info
Nº 146

Standard-Edgewise System

Colour-marks | codice colore



Brillant® Brackets Standard-Edgewise System

Maxillary					Slot .018“		Slot .022“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	–	–	–	–	767-0103	767-0103	767-0101	767-0101
2 Laterals	–	–	–	–	767-0203	767-0203	767-0201	767-0201
3 Cuspids	–	–	–	–	*767-0503	*767-0503	*767-0501	*767-0501
4 Bicuspids	–	–	–	–	*767-0503	*767-0503	*767-0501	*767-0501
5 Bicuspids	–	–	–	–	*767-0503	*767-0503	*767-0501	*767-0501

Mandibular					Slot .018“		Slot .022“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	–	–	–	–	767-1203	767-1203	767-1201	767-1201
2 Laterals	–	–	–	–	767-1203	767-1203	767-1201	767-1201
3 Cuspids	–	–	–	–	*767-0503	*767-0503	*767-0501	*767-0501
4 Bicuspids	–	–	–	–	*767-0503	*767-0503	*767-0501	*767-0501
5 Bicuspids	–	–	–	–	*767-0503	*767-0503	*767-0501	*767-0501

* Vertical-slot Ø .016“ = 0,40 mm

Cases | Casi

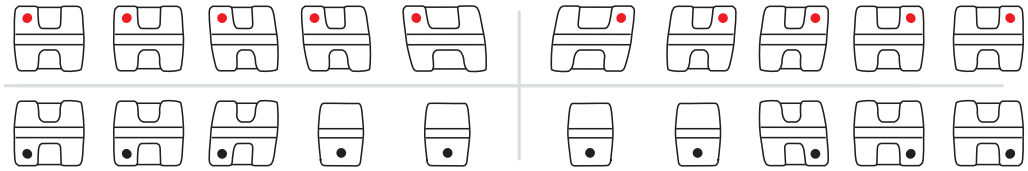
Variation	Slot .018“			Slot .022“		
Cases / Brackets 5-5	**1**	**5**	**10**	**1**	**5**	**10**
Without hook	706-0672	706-0673	706-0674	706-0678	706-0679	706-0680
Cases / Brackets 3-3	–	**5**	–	–	**5**	–
Without hook	–	706-0677	–	–	706-0683	–

Aesthetik-Line® Brackets

Reinforced with special fillers/Resino-ceramica con filler ad alta resistenza

Roth System

Colour-marks | codice colore



Aesthetik-Line® Brackets Roth System

Maxillary					Slot .018“		Slot .022“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	+12°	+5°	1,0	–	792-0103	791-0103	792-0101	791-0101
2 Laterals	+8°	+9°	1,5	–	792-0203	791-0203	792-0201	791-0201
3 Cuspids	-2°	+13°	0,9	4° mesial	*792-0303	*791-0303	*792-0301	*791-0301
4 Bicuspids	-7°	0°	0,9	2° distal	792-0503	791-0503	792-0501	791-0501
5 Bicuspids	-7°	0°	0,9	2° distal	792-0503	791-0503	792-0501	791-0501

Mandibular					Slot .018“		Slot .022“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left	Order-no. Right	Left
1 Centrals	0°	0°	1,5	–	791-1203	791-1203	791-1201	791-1201
2 Laterals	0°	0°	1,5	–	791-1203	791-1203	791-1201	791-1201
3 Cuspids	-11°	+7°	0,9	2° mesial	*792-1403	*791-1403	*792-1401	*791-1401
4 Bicuspids	-17°	-1°	0,7	4° distal	792-1503	791-1503	792-1501	791-1501
5 Bicuspids	-22°	-1°	0,7	4° distal	792-1603	791-1603	792-1601	791-1601

* Vertical-slot Ø .016“ = 0,40 mm

Cases | Casi

Variation	Slot .018“			Slot .022“		
Cases / Brackets 4-4	**1**	**5**	**10**	**1**	**5**	**10**
Without hook	706-0343	706-0344	706-0345	706-0348	706-0349	706-0350
Cases / Brackets 5-5	**1**	**5**	**10**	**1**	**5**	**10**
Without hook	706-0421	706-0422	706-0423	706-0426	706-0427	706-0428

*Aesthetik-Line® Brackets**

Reinforced with special fillers/Resino-ceramica con filler ad alta resistenza

Standard-Ricketts System

Maxillary					Slot .018“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	+22°	0°	1,0	–	796-0103	796-0103
2 Laterals	+14°	+8°	1,0	–	*797-0203	*796-0203
3 Cuspids	+7°	+5°	1,0	–	*797-0303	*796-0303
4 Bicuspids	0°	0°	1,0	–	*795-0503	*795-0503
5 Bicuspids	0°	0°	1,0	–	*795-0503	*795-0503

Mandibular					Slot .018“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	0°	0°	1,0	–	795-1203	795-1203
2 Laterals	0°	0°	1,0	–	795-1203	795-1203
3 Cuspids	+7°	+5°	1,0	–	*796-0303	*797-0303
4 Bicuspids	0°	0°	1,0	–	*795-0503	*795-0503
5 Bicuspids	0°	0°	1,0	–	*795-0503	*795-0503

* Vertical-slot Ø .016“ = 0,40 mm

Cases | Casi

Variation	Slot .018“		
Cases / Brackets	1	5	10
Without hook	706-0466	706-0467	706-0468

Standard-Edgewise System

Maxillary					Slot .018“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	–	–	–	–	795-0103	795-0103
2 Laterals	–	–	–	–	795-0203	795-0203
3 Cuspids	–	–	–	–	*795-0503	*795-0503
4 Bicuspids	–	–	–	–	*795-0503	*795-0503
5 Bicuspids	–	–	–	–	*795-0503	*795-0503

Mandibular					Slot .018“	
Tooth	Torque	Angulation	In/Out	Rotation	Order-no. Right	Left
1 Centrals	–	–	–	–	795-1203	795-1203
2 Laterals	–	–	–	–	795-1203	795-1203
3 Cuspids	–	–	–	–	*795-0503	*795-0503
4 Bicuspids	–	–	–	–	*795-0503	*795-0503
5 Bicuspids	–	–	–	–	*795-0503	*795-0503

* Vertical-slot Ø .016“ = 0,40 mm

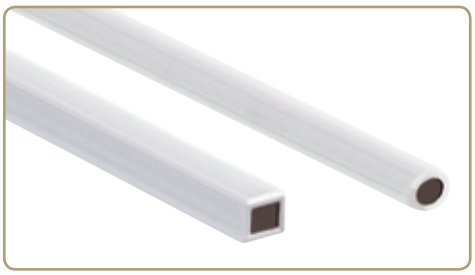
Cases | Casi

Variation	Slot .018“		
Cases / Brackets 4-4	1	5	10
Without hook	706-0431	706-0432	706-0433
Cases / Brackets 5-5	**1**	**5**	**10**
Without hook	706-0441	706-0442	706-0443

BioCosmetic®-archwires – durable, perfect aesthetics.
Archi BioCosmetic® – Estetica sempre perfetta.

New!

Info
N° 194



White remains white ...

BioCosmetic®-archwires are the first tooth-coloured archwires that remain constantly white and therefore enable long-term aesthetical treatment. They also provide maximum intraoral comfort for the patient, as the white coating covers superelastic NiTi archwires. These Archwires ensure gentle forces and quick treatment due to their extremely low force level.

The time required for changing a BioCosmetic®-archwire is the same as that for uncoated archwires. Even the use of self-ligating brackets, which generally allow longer intervals for archwire changes, does not present a problem for BioCosmetic®-archwires. Their tooth-coloured coating remains intact ensuring perfectly maintained aesthetics.

Regardless of whether the bracket slots are made of metal or ceramic, BioCosmetic®-archwires maintain their white coating without any problem for six to eight weeks. In addition we recommend to use patient friendly brackets with rounded bracket and slot edges as for example the QuicKlear® bracket by Forestadent. BioCosmetic®-archwires, however, should not be adapted or bent, as sharp objects may damage the white coating.

Bianco, sempre bianco ...

Gli archi BioCosmetic sono i primi archi del colore naturale del dente che rimangono di aspetto inalterato e permettono di effettuare un trattamento estetico per lungo tempo. Offrono anche il massimo confort per il paziente, poiché il rivestimento ricopre archi NiTi termoattivi o superelastici.
Gli archi termoattivi esprimono forze ancora più leggere ed offrono i risultati terapeutici in tempi ancora più brevi.

Gli archi BioCosmetic si cambiano nello stesso tempo degli archi tradizionali.

Gli archi BioCosmetic sono ideali anche con gli attacchi autoleganti, che di norma richiedono cambi di arco con minore frequenza. La ricopertura estetica rimane intatta, a garanzia di un'estetica sempre perfetta.

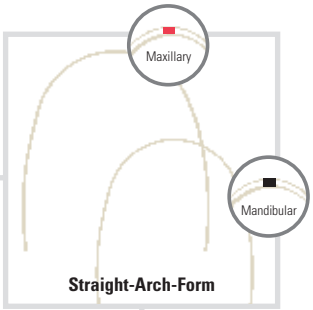
La copertura estetica di BioCosmetic rimane inalterata fino a 6 – 8 settimane sia con slot di metallo, sia con slot di ceramica.

BioCosmetic®-archwires/Archi BioCosmetic® *Individually packed/confezione singola*

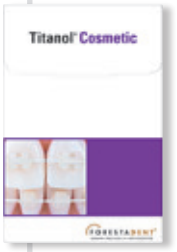
	Straight-arch-form		**Euro-smile-form**						
description descrizione	Order No. Maxillary	Order No. Mandibular	Order No. Maxillary	Order No. Mandibular	profile sezione	force forza	ø inch	Slot	contents confezione
BioCosmetic Superelastic Superelastica	217-0845	217-0945	217-1845	217-1945	●	25 g	.017"	.018"/.022"	10
	217-0850	217-0950	217-1850	217-1950	●	35 g	.019"	.022"	10
	217-1440	217-1540	217-3440	217-3540	■	55 g	.016" x .016"	.018"/.022"	10
	217-2040	217-2140	217-4040	217-4140	▬	90 g	.016" x .022"	.018"/.022"	10
	217-2046	217-2146	217-4046	217-4146	▬	135 g	.018" x .025"	.018"/.022"	10

Titanol® Cosmetic

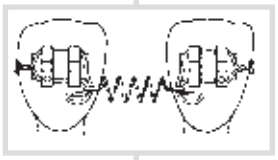
coated in tooth colour/Individually packed
con ricopertura estetica/confezione singola

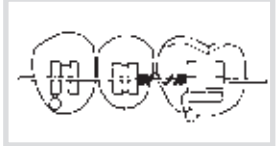


Order No. OK-Maxillary CE 0297	Order No. UK-Mandibular CE 0297	profile sezione	ø inches uncoated non ricoperto	ø inches coated ricoperto	contents pezzi	description descrizione
207-0835	207-0935	●	.012	.014	10	**Arch wires in Straight-Arch form** coated in tooth colour **Archi anatomici** con ricopertura estetica
207-0840	207-0940	●	.014	.016	10	
207-0845	207-0945	●	.016	.018	10	
207-0850	207-0950	●	.018	.020	10	
207-1445	207-1545	■	.016 x .016	.018 x .018	10	
207-2045	207-2145	▬	.016 x .022	.018 x .024	10	

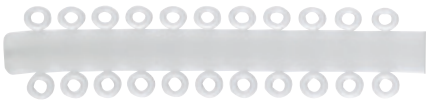


Order No. CE 0297		ø mm	ø inch	contents pezzi	description descrizione
312-1011		0,35	0,14	100	**Preformed ligature ties** with twisted end, tooth colour coated, suitable as Powerhook. **Legature preformate** estetiche mini
312-1009		0,30	0,12	100	**Preformed ligature ties** with twisted end, tooth colour coated, according to Dr. Hinz. **Colombelle preformate** estetiche 800N/MM2 secondo il Dr. Hinz





Aesthetic materials – auxiliary
Attacchi estetici – accessori

655-0100 CE 0297		10 x 22	**Silicone ligatures** **Legature in silicone**

707-2000 CE		**Aesthetic - Kit** 5 pack. contouring blades, different sizes 1 holder for contouring blades 1 pack. interdental wedges **Aesthetic – Kit:** 5 confezioni di lame da stripping in spessori diversi 1 porta lame, 1 confezione cunei interdentali in legno

Bands and buccal tubes
Bande e tubi buccali

Index – Bands
Indice – Bande

Molar bands / Bande premolaris 4.3
Prewelded Molar bands and buccal tubes (for welding) / Bande molari con tubo buccale puntato 4.6
Buccal tubes for direct bonding / Tubi buccali per colla 4.20
Buccal tubes on Big-Foot Klebepads / Tubi buccali per colla a Big Foot Pad 4.24
NiFree Products / NiFree Products 4.30
Prewelding service / Servizio di prepuntatura 4.31
Premolar bands / Bande premolares superiori 4.32
Lingual cleats / Tubi palatali 4.33

Bands – Bande

perfect anatomical fit through lingual and buccal adaption and cusp indents

posizionamento secondo l'anatomia del dente: ottima adattabilita' sia vestibolare che linguale

easy placing through reduced interproximal band thickness

facile posizionamento grazie al ridotto spessore interprossimale delle bande

snap-on effect

effetto avvolgimento

statistically calculated assortments (100, 200, 400 bands) in up to 32 sizes

assortimento (100, 200, 400 bande) di 32 misure (secondo la curva statistica)

laser marking

marcatura a laser

1. Molar bands - Bande molari

W-Fit Form (1. Molar)

- classical form
- stiffer band material

- forma classica
- materiale piu' rigido

Dura-Fit® Form (1. Molar)

- Pronounced anatomical contour
- stiffer band material
- molar band laser etched as standard

- forma anatomica pronunciata
- materiale piu' rigido
- trattamento interno a raggi laser

Comfort Line buccal tubes
Tubi buccali Comfort Line

New!

Many of our buccal tubes are available with immediate effect in the "Comfort Line" design. These buccal tubes are distinguished by greater patient comfort and enhanced convenience for the practitioner: They feature a modified cap tab that is closed via the protruding slot length. This prevents foreign objects (particularly the bristles of toothbrushes) from becoming trapped inside. Nevertheless, removal can, of course, still be completed without difficulty.

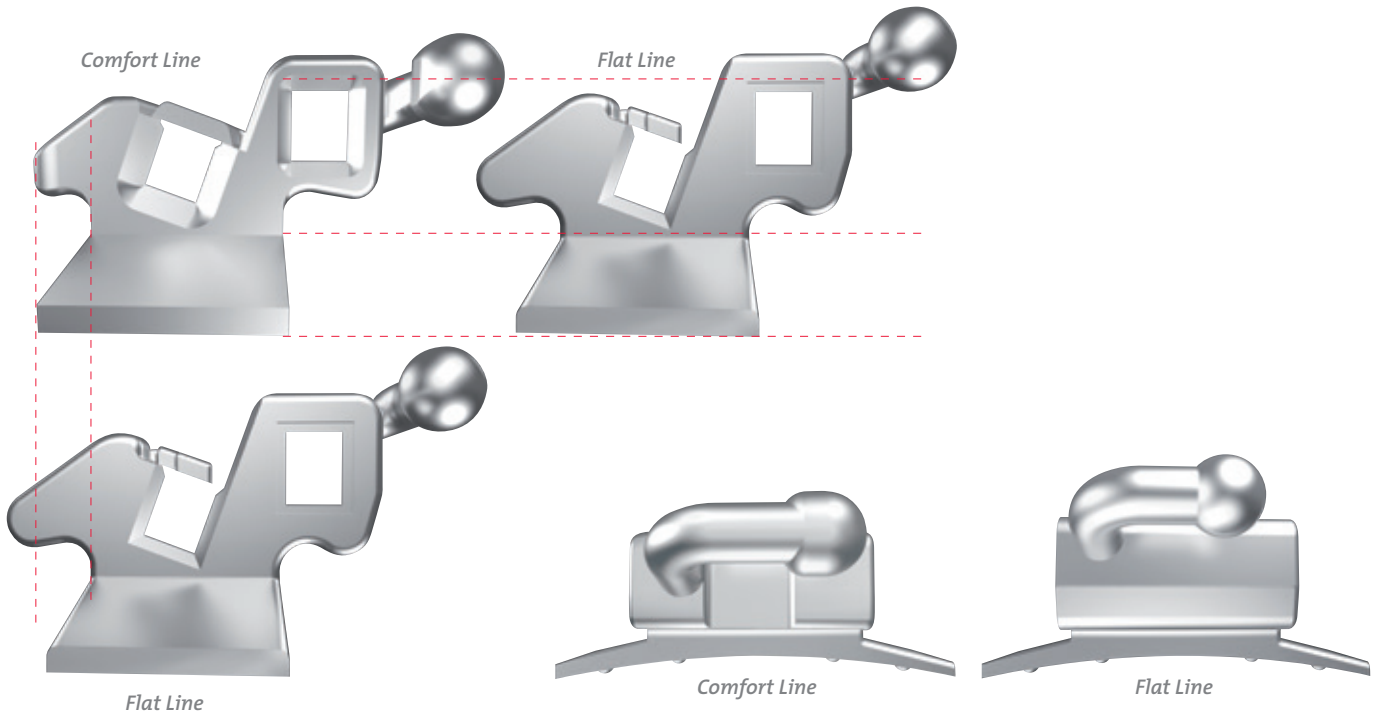
The insertion of archwires is easier thanks to a larger and rounded insertion funnel.

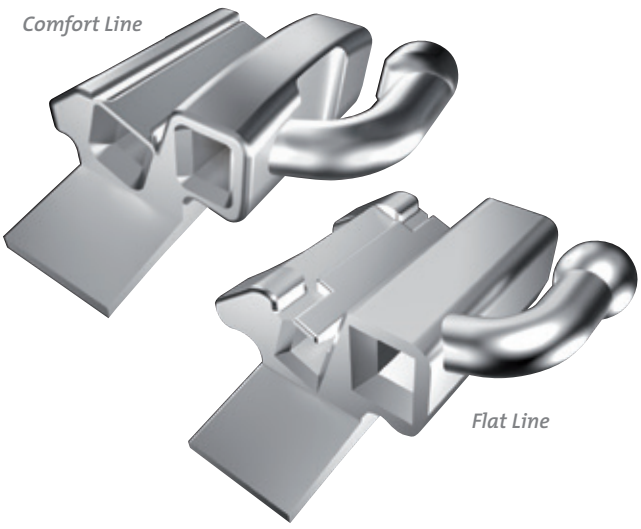
Overall, the profile is flatter in terms of its design, and anatomically curved. As a result of smaller occlusal wings, the risk of biting is reduced.

Molti nostri tubi sono già disponibili nella versione "Comfort Line". Questi tubi buccali si caratterizzano per l'elevato comfort per il paziente e la maggiore praticità per il dentista. La nuova linguetta di copertura chiude perfettamente lo slot: questo impedisce che corpi estranei (p.e. setole di spazzolino) possano rimanervi impigliate. La rimozione della linguetta di copertura avviene in modo semplice e sicuro.

L'inserimento degli archi è facilitato dallo slot ad ingresso mesiale svasato e con angoli smussati.

I tubi sono complessivamente più sottili e dal design più anatomico. Le alette di dimensioni ridotte permettono di ridurre eventuali interferenze occlusali.





Advantages Comfort Line
- *Modified link to the convertible cap tab*
- *Flatter hook and flatter construction overall*
- *Anatomical surface*
- *Larger insertion funnel*

Vantaggi Comfort Line
- *linguetta di copertura convertibile a chiusura integrale*
- *profilo più sottile e ganci meno sporgenti*
- *base anatomica*
- *maggiore svasatura dell'ingresso mesiale dello slot*

Maxillary molar bands
Bande molari superiori

When ordering single bands please add required band size to the given order numbers.
Il numero relativo alle misure facilita il riordino.

CE 0297

Maxillary

with seating eyelets.

tooth dente	band-type modello	single bands ricambi right/destra	5 pcs. of each size 5 pz. per misura left/sinistra	band size misura	band kits half left/half right bande in kits sinistre/destre 100 pieces/pz.	200 pieces/pz.	400 pieces/pz.
 6 | 6	Dura-Fit	2883-00..	2882-00..	**05...36**	2880-0100	2880-0200	2880-0400
 6 | 6	W-Fit	883-00..	882-00..	**01...32**	880-0100	880-0200	880-0400
 7 | 7	–	887-00..	886-00..	**97...28**	885-0100	885-0200	885-0400

without seating eyelets.

tooth dente	band-type modello	single bands ricambi right/destra	5 pcs. of each size 5 pz. per misura left/sinistra	band size misura	band kits half left/half right bande in kits sinistre/destre 100 pieces/pz.	200 pieces/pz.	400 pieces/pz.
 6 | 6	Dura-Fit	2883N00..	2882N00..	**05...36**	2880N0100	2880N0200	2880N0400
 6 | 6	W-Fit	883N00..	882N00..	**01...32**	880N0100	880N0200	880N0400
 7 | 7	–	887N00..	886N00..	**97...28**	885N0100	885N0200	885N0400

Mandibular molar bands
Bande molari inferiori

When ordering single bands please add required band size to the given order numbers.
Il numero relativo alle misure facilita il riordino.

CE 0297

Mandibular

with seating eyelets.

tooth dente	band-type modello	single bands ricambi right/destra	5 pcs. of each size 5 pz. per misura left/sinistra	band size misura	band kits half left/half right bande in kits sinistre/destre 100 pieces/pz.	200 pieces/pz.	400 pieces/pz.
6 | 6	Dura-Fit	2893-00..	2892-00..	**05...36**	2890-0100	2890-0200	2890-0400
6 | 6	W-Fit	893-00..	892-00..	**01...32**	890-0100	890-0200	890-0400
7 | 7	–	897-00..	896-00..	**01...32**	895-0100	895-0200	895-0400

without seating eyelets.

tooth dente	band-type modello	single bands ricambi right/destra	5 pcs. of each size 5 pz. per misura left/sinistra	band size misura	band kits half left/half right bande in kits sinistre/destre 100 pieces/pz.	200 pieces/pz.	400 pieces/pz.
6 | 6	Dura-Fit	2893N00..	2892N00..	**05...36**	2890N0100	2890N0200	2890N0400
6 | 6	W-Fit	893N00..	892N00..	**01...32**	890N0100	890N0200	890N0400
7 | 7	–	897N00..	896N00..	**01...32**	895N0100	895N0200	895N0400

Flat-Line
Buccal tubes
Tubi buccali

CE 0297

Roth-System

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale		 for welding / da puntare		 on pad / diretto	
						right/destra	left/sinistra	right/destra	left/sinistra
occlusal headgear tube convertible **Comfort Line**	6 | 6	-14°	0°	14°	**.018" x .025"**	741-0703	740-0703	741-0704	740-0704
					.022" x .028"	741-0701	740-0701	741-0702	740-0702
convertible	6 | 6	-14°	0°	14°	**.018" x .025"**	741-0727	740-0727	741-0728	740-0728
					.022" x .028"	741-0725	740-0725	741-0726	740-0726
gingival headgear tube convertible	6 | 6	-14°	0°	14°	**.018" x .025"**	741-0713	740-0713	–	–
					.022" x .028"	741-0711	740-0711	–	–
occlusal headgear tube convertible	6 | 6	-14°	0°	14°	**.018" x .025"**	741-0723	740-0723	–	–
					.022" x .028"	741-0721	740-0721	–	–
Quick SL Molar-tube	76 | 67	-14°	0°	12°	**.018" x .025"**	731-0733	730-0733	See page/vedi pag. 4.21	
					.022" x .025"	731-0731	730-0731	See page/vedi pag. 4.21	
	7 | 7	-14°	0°	14°	**.018" x .025"**	741-0803	740-0803	741-0804	740-0804
					.022" x .028"	741-0801	740-0801	741-0802	740-0802

When ordering prewelded bands please specify.
- Band type, Bandgröße, Bukkalröhrchen, lingual seating eyelets

Commanda di bande diretto, si prega di specificare
- modello de bande, misura, tubo buccale, cleat linguale

Flat-Line
Buccal tubes
Tubi buccali

CE 0297

Roth-System

Mandibular	tooth dente	Torque	Angulation angolazione	distal offset offset distale		for welding / da puntare		on pad / diretto	
						right/destra	left/sinistra	right/destra	left/sinistra
convertible	6 | 6	-30°	0°	4°	**.018" x .025"**	741-1703	740-1703	741-1704	740-1704
					.022" x .028"	741-1701	740-1701	741-1702	740-1702
convertible, for Lip Bumper Ø .045 inch / Ø 1,15 mm	6 | 6	-30°	0°	4°	**.018" x .025"**	741-1707	740-1707	–	–
					.022" x .028"	741-1705	740-1705	–	–
Quick SL Molar-tube	76 | 67	-20°	0°	10°	**.018" x .025"**	731-1733	730-1733	See page/vedi pag. 4.21	
					.022" x .025"	731-1731	730-1731	See page/vedi pag. 4.21	
	7 | 7	-30°	0°	4°	**.018" x .025"**	741-1803	740-1803	741-1804	740-1804
					.022" x .028"	741-1801	740-1801	741-1802	740-1802

When ordering prewelded bands please specify.
- Band type, Bandgröße, Bukkalröhrchen, lingual seating eyelets

Commanda di bande diretto, si prega di specificare
- modello de bande, misura, tubo buccale, cleat linguale

Flat-Line
Buccal tubes
Tubi buccali

CE 0297

McLaughlin / Bennett / Trevisi-System

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale		for welding / da puntare		on pad / diretto	
						right/destra	left/sinistra	right/destra	left/sinistra
occlusal headgear tube convertible Comfort Line	6 | 6	-14°	0°	10°	**.018" x .025"**	728-0713	727-0713	728-0714	727-0714
					.022" x .028"	728-0711	727-0711	728-0712	727-0712
	6 | 6	-14°	0°	10°	**.018" x .025"**	728-0727	727-0727	728-0728	727-0728
					.022" x .028"	728-0725	727-0725	728-0726	727-0726
Quick SL Molar-tube	76 | 67	-14°	0°	12°	**.018" x .025"**	731-0733	730-0733	See page/vedi pag. 4.21	
					.022" x .025"	731-0711	730-0711	See page/vedi pag. 4.21	
convertible	7 | 7	-14°	0°	10°	**.018" x .025"**	728-0803	727-0803	728-0804	727-0804
					.022" x .028"	728-0801	727-0801	728-0802	727-0802

Mandibular

convertible Comfort Line	6 | 6	-20°	0°	0°	**.018" x .025"**	728-1703	727-1703	728-1704	727-1704
					.022" x .028"	728-1701	727-1701	728-1702	727-1702
Quick SL Molar-tube	76 | 67	-20°	0°	10°	**.018" x .025"**	731-1733	730-1733	See page/vedi pag. 4.21	
					.022" x .025"	731-1731	730-1731	See page/vedi pag. 4.21	
	7 | 7	-10°	0°	0°	**.018" x .025"**	728-1803	727-1803	728-1804	727-1804
					.022" x .028"	728-1801	727-1801	728-1802	727-1802

When ordering prewelded bands please specify.
- Band type, Bandgröße, Bukkalröhrchen, lingual seating eyelets

Commanda di bande diretto, si prega di specificare
- modello de bande, misura, tubo buccale, cleat linguale

Flat-Line
Buccal tubes
Tubi buccali

CE 0297

Alexander-System

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale		for welding / da puntare		on pad / diretto	
						right/destra	left/sinistra	right/destra	left/sinistra
occlusal headgear tube convertible	6 | 6	-10°	0°	15°	.018" x .025"	776-0703	775-0703	–	–
	7 | 7	-10°	0°	6°	.018" x .025"	776-0803	775-0803	776-0804	775-0804

Mandibular

convertible	6 | 6	-22°	6°	5°	.018" x .025"	776-1703	775-1703	776-1704	775-1704
	7 | 7	-27°	0°	6°	.018" x .025"	776-1803	775-1803	776-1804	775-1804

When ordering prewelded bands please specify.
- Band type, Bandgröße, Bukkalröhrchen, lingual seating eyelets

Commanda di bande diretto, si prega di specificare
- modello de bande, misura, tubo buccale, cleat linguale

Flat-Line
Buccal tubes
Tubi buccali

CE 0297

Roncone-System

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale		for welding / da puntare		on pad / diretto	
						right/destra	left/sinistra	right/destra	left/sinistra
	6 | 6	-20°	0°	20°	.018" x .025"	737-0703	736-0703	737-0704	736-0704
					.022" x .028"	737-0701	736-0701	737-0702	736-0702
	6 | 6	-20°	0°	12°	.018" x .025"	737-0727	736-0727	737-0728	736-0728
					.022" x .028"	737-0725	736-0725	737-0726	736-0726
	7 | 7	-17°	0°	12°	.018" x .025"	737-0803	736-0803	737-0804	736-0804
					.022" x .028"	737-0801	736-0801	737-0802	736-0802

Mandibular

Comfort Line convertible	6 | 6	-13°	0°	4°	.018" x .025"	737-1703	736-1703	737-1704	736-1704
					.022" x .028"	737-1701	736-1701	737-1702	736-1702
	7 | 7	-10°	0°	0°	.018" x .025"	737-1803	736-1803	737-1804	736-1804
					.022" x .028"	737-1801	736-1801	737-1802	736-1802

When ordering prewelded bands please specify.
- Band type, Bandgröße, Bukkalröhrchen, lingual seating eyelets

Commanda di bande diretto, si prega di specificare
- modello de bande, misura, tubo buccale, cleat linguale

Flat-Line
Buccal tubes
Tubi buccali

CE 0297

Hilgers-System

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale		for welding / da puntare		on pad / diretto	
						right/destra	left/sinistra	right/destra	left/sinistra
occlusal headgear tube convertible	6 | 6	-10°	0°	15 °	.018" x .025"	774-0703	773-0703	–	–
	7 | 7	-10°	0°	12 °	.018" x .025"	774-0803	773-0803	774-0804	773-0804

Mandibular

convertible	6 | 6	-27°	5°	12°	.018" x .025"	774-1703	773-1703	774-1704	773-1704
	7 | 7	-27°	0°	12°	.018" x .025"	774-1803	773-1803	774-1804	773-1804

When ordering prewelded bands please specify.
- Band type, Bandgröße, Bukkalröhrchen, lingual seating eyelets

Commanda di bande diretto, si prega di specificare
- modello de bande, misura, tubo buccale, cleat linguale

Flat-Line
Buccal tubes
Tubi buccali

CE 0297

Standard-Edgewise-System / Standard-Ricketts-System

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale		for welding / da puntare		on pad / diretto	
						right/destra	left/sinistra	right/destra	left/sinistra
	6 | 6	0°	0°	0°	.018" x .025"	749-0310	749-0210	749-8310	749-8210
					.022" x .028"	749-0320	749-0220	–	–
gingival headgear tube	6 | 6	0°	0°	0°	.018" x .025"	752-0310	752-0210	–	–
convertible	6 | 6	0°	0°	0°	.018" x .025"	743-2703	742-2703	743-2704	742-2704
					.022" x .028"	743-2701	742-2701	743-2702	742-2702
	6 | 6	0°	0°	0°	.018" x .025"	748-0211	748-0311	748-8211	748-8311
					.022" x .028"	748-0221	748-0321	748-8221	748-8321

Mandibular

	6 | 6	0°	0°	0°	.018" x .025"	750-0410	750-0410	750-8410	750-8410
convertible	6 | 6	0°	0°	0°	.018" x .025"	742-2703	743-2703	742-2704	743-2704
					.022" x .028"	742-2701	743-2701	742-2702	743-2702
	6 | 6	0°	0°	0°	.018" x .025"	748-0311	748-0211	748-8311	748-8211
					.022" x .028"	748-0321	748-0221	748-8321	748-8221

When ordering prewelded bands please specify.
- Band type, Bandgröße, Bukkalröhrchen, lingual seating eyelets

Commanda di bande diretto, si prega di specificare
- modello de bande, misura, tubo buccale, cleat linguale

Flat-Line
Buccal tubes - special execution
Tubi buccali - informazioni speciali

CE 0297

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale		for welding / da puntare		on pad / diretto	
						right/destra	left/sinistra	right/destra	left/sinistra
convertible	6 | 6	-10°	0°	8°	.018" x .025"	743-0703	742-0703	743-0704	742-0704
					.022" x .028"	743-0701	742-0701	743-0702	742-0702
convertible	6 | 6	0°	0°	0°	.018" x .025"	743-2703	742-2703	743-2704	742-2704
					.022" x .028"	743-2701	742-2701	743-2702	742-2702
occlusal headgear tube convertible	6 | 6	0°	0°	7°	.022" x .028"	759-1320	759-1220	–	–

Mandibular

convertible Comfort Line	6 | 6	-25°	0°	6°	.018" x .025"	743-1703	742-1703	743-1704	742-1704
					.022" x .028"	743-1701	742-1701	743-1702	742-1702
convertible	6 | 6	0°	0°	0°	.018" x .025"	742-2703	743-2703	742-2704	743-2704
					.022" x .028"	742-2701	743-2701	742-2702	743-2702
convertible	6 | 6	0°	0°	7°	.018" x .025"	756-1310	756-1210	–	–
					.022" x .028"	756-1320	756-1220	–	–

When ordering prewelded bands please specify.
- Band type, Bandgröße, Bukkalröhrchen, lingual seating eyelets

Commanda di bande diretto, si prega di specificare
- modello de bande, misura, tubo buccale, cleat linguale

Bondable Pads for each type
Pad adesivi per ogni esigenza

CE 0297

Reduce your storage costs and chair side time by using Forestadent bondable pads! *Instead of storing 32 different band sizes with adequate buccal tubes you only need a few bondable pads to treat each of your patients.*

All Forestadent Bondable Pads ...

- *provide a perfect fit and assure maximum bond strength due to mesial-distal and occlusal-gingival contours of the pads which are conform to the natural tooth surface;*
- *are made of stainless steel;*
- *feature the well-tried mesh base, except NiFree bondable pads which have a block base*

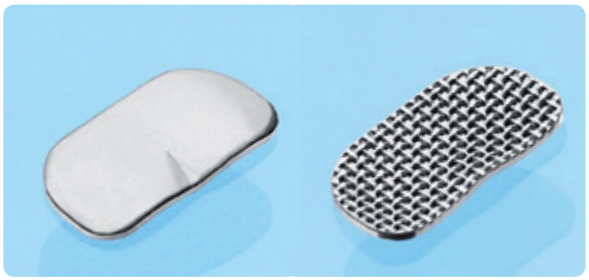
Tagliate costi di stoccaggio e tempo alla poltrona usando i Pad adesivi Forestadent! *Anziché acquistare 32 misure differenti di bande, ciascuna con il tubo puntato, Vi basteranno solo pochi Pad adesivi per trattare tutti i pazienti.*

Tutti i Pad adesivi Forestadent ...

- *I Big Foot Pads si adattano perfettamente e aderiscono con sicurezza grazie ai contorni mesio-distali e occluso-gengivali calibrati sulla superficie dentale;*
- *sono realizzati in acciaio;*
- *hanno la sperimentata base mesh, eccetto quelli nickel-free che hanno la base con ritenzioni 3D.*

Small bondable pad
The standard bondable pad is especially used for small coronas and for teeth which are not fully broken through. Buccal tubes for the 7th are generally delivered on a standard bondable pad.

Pad adesivi piccoli
Il pad adesivo standard è utilizzato specialmente per corone cliniche piccole e per denti non completamente erotti. I tubi per i 7i sono forniti su pad adesivi standard.



Large bondable pad
Double and triple buccal tubes are delivered on large bondable pads as a standard. Single buccal tubes can be delivered on large bondable pads on customer request. The minimum order quantity is 100 pieces left and 100 pieces right.

Pad adesivi grandi
I tubi buccali doppi e tripli sono normalmente offerti sui pad larghi. I tubi singoli sono disponibili su pad largo su richiesta del cliente (ordine minimo 100 pezzi destri e 100 sinistri).

Big Foot pad
Big Foot pads are made of extra thin material which makes them extra light and easy to adapt to the tooth surface of the molars. The perfect fit provides a better adhesion to the tooth. Special notches on each side of the pad make removing easy and safe. Molar brackets and selected buccal tubes in the Roth- and McLaughlin/Bennett/Trevisi-system are offered on Big Foot pads.

Big Foot Pads
I Big Foot Pads sono realizzati in materiale extra-sottile che li rende leggerissimi e perfettamente adattabili alla superficie dei molari. L'adattamento perfetto offre adesione ottimale. Speciali inviti posti ai lati li rendono facili e sicuri da rimuovere. Sono disponibili su Big Foot Pads anche gli attacchi molari Quick 2.0 e i tubi in tecnica Roth ed McLaughlin/Bennet/Trevisi.

NiFree bondable pad
The NiFree bondable pad is a flat all-round pad featuring a sandblasted base.

Tubi adesivi NiFree
I pad adesivi Nickel free hanno profilo sottile e arrotondato, con base sabbiata.

Triple buccal tubes for direct bonding
Tubi buccali diretti – tripli

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	CE 0297 on large pad/su pad grande	
occlusal headgear tube						right/destra	left/sinistra
convertible	6 | 6	-14°	0°	14°	.018" x .025"	741-0704	740-0704
					.022" x .028"	741-0702	740-0702

Double buccal tubes for direct bonding
Tubi buccali diretti – doppi

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	on large pad/su pad grande	
						right/destra	left/sinistra
convertible	6 | 6	-14°	0°	14°	.018" x .025"	741-0728	740-0728
					.022" x .028"	741-0726	740-0726
		-20°	0°	20°	.018" x .025"	737-0704	736-0704
					.022" x .028"	737-0702	736-0702
		-20°	0°	12°	.022" x .028"	737-0728	736-0728
					.022" x .028"	737-0726	736-0726

Mandibular

					CE 0297	
convertible	6 | 6	-30°	0°	4°	.018" x .025"	741-1704	740-1704
					.022" x .028"	741-1702	740-1702
		-13°	0°	4°	.018" x .025"	737-1704	736-1704
					.022" x .028"	737-1702	736-1704
	6 | 6	0°	0°	0°	.018" x .025"	750-8410	750-8410

Single buccal tubes for direct bonding
Tubi buccali diretti – singoli

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	on large pad/su pad grande right/destra	 left/sinistra
convertible	6 | 6	-10°	0°	8°	.018" x .025"	743-0704	742-0704
					.022" x .028"	743-0702	742-0702
convertible	6 | 6	0°	0°	0°	.018" x .025"	743-2704	742-2704
					.022" x .028"	743-2702	742-2702

CE 0297

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	on small pad/su pad piccolo right/destra	 left/sinistra
	76 | 67	-10°	0°	7°	.018" x .025"	757-8312	757-8212
Flat-Line Mini buccal tube	7 | 7	0°	0°	0°	.018" x .025"	748-9211	748-9311
					.022" x .028"	748-9221	748-9321
	7 | 7	-14°	0°	14°	.018" x .025"	741-0804	740-0804
					.022" x .028"	741-0802	740-0802
	7 | 7	-17°	0°	12°	.018" x .025"	737-0804	736-0804
					.022" x .028"	737-0802	736-0802
	7 | 7	-14°	0°	10°	.018" x .025"	728-0804	727-0804
					.022" x .028"	728-0802	727-0802
	7 | 7	-10°	0°	12°	.018" x .025"	774-0804	773-0804
					.022" x .028"	774-0802	773-0802
	7 | 7	-9°	0°	10°	.022" x .028"	748-8322	748-8222
	7 | 7	-10°	0°	6°	.018" x .025"	776-0804	775-0804

Single buccal tubes for direct bonding
Tubi buccali diretti – singoli

CE 0297

Mandibular

	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	on large pad/su pad grande	
						right/destra	left/sinistra
convertible	6 | 6	-22°	6°	5°	.018" x .025"	776-1704	775-1704
convertible	6 | 6	0°	0°	0°	.018" x .025"	742-2704	743-2704
					.022" x .028"	742-2702	743-2702
convertible	6 | 6	-25°	0°	6°	.018" x .025"	743-1704	742-1704
					.022" x .028"	743-1702	742-1702

CE 0297

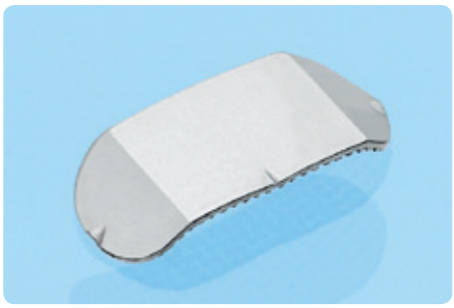
Mandibular

	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	on small pad/su pad piccolo	
						right/destra	left/sinistra
	6 | 6	0°	0°	0°	.018" x .025"	748-8311	748-8211
					.022" x .028"	748-8321	748-8221
Flat-Line Mini buccal tube	7 | 7	0°	0°	0°	.018" x .025"	748-9311	748-9211
					.022" x .028"	748-9321	748-9221
	7 | 7	-30°	0°	4°	.018" x .025"	741-1804	740-1804
					.022" x .028"	741-1802	740-1802
	7 | 7	-30°	0°	0°	.022" x .028"	748-8325	748-8225
	7 | 7	-27°	0°	12°	.018" x .025"	774-1804	773-1804
					.022" x .028"	774-1802	773-1802
	7 | 7	-27°	0°	6°	.018" x .025"	776-1804	775-1804
	7 | 7	-22°	0°	12°	.018" x .025"	758-8314	758-8214
	7 | 7	-10°	0°	0°	.018" x .025"	728-1804	727-1804
					.022" x .028"	728-1802	727-1802

Big Foot Pad – The Pad for every Type
Big Foot Pad – la giusta base per tutte le occasioni

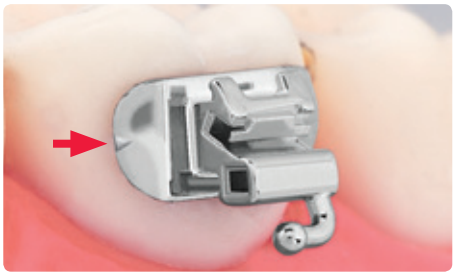
Your band assortment is going to be reduced!
Your storage costs and chair side time will be reduced when using our new Big Foot pad. Instead of storing 32 different band sizes with adequate buccal tubes you only need a few Big Foot pads to treat each of your patients.

Addio scorta di bande!
Scegliendo i nuovi Big Foot Pads, potrete ridurre costi di stoccaggio e tempo alla poltrona. Anziché acquistare 32 misure differenti di bande, ciascuna con il tubo puntato, Vi basteranno solo i Big Foot Pads per trattare tutti i pazienti.



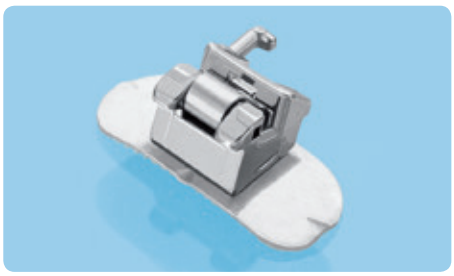
The Big Foot pad provides a perfect fit and assures maximum bond strength due to mesial-distal and occlusal-gingival contours of the pads which conform to the natural tooth surface. They are made of extra thin material which makes them extra light and easy to adapt.

I Big Foot Pads si adattano perfettamente e aderiscono con sicurezza grazie ai contorni mesio-distali e occluso-gengivali calibrati sulla superficie dentale. Sono realizzati in metallo ultra-sottile che li rende leggerissimi e facili da adattare.



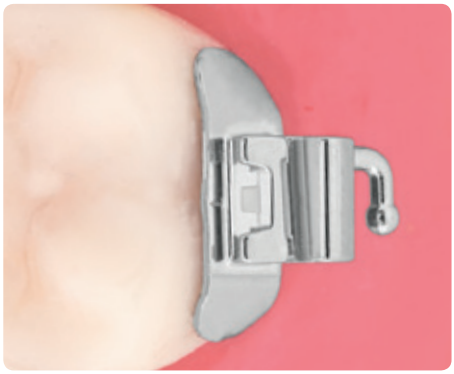
Forestadent Big Foot pads feature the well-tried mesh base. Special notches on each side of the pad make removal easy and safe.

I Big Foot Pads di Forestadent hanno la sperimentata base mesh. Speciali tacche poste sui lati li rendono rimuovibili con sicurezza e semplicità.



Quick Molar brackets and selected buccal tubes in the Roth- and McLaughlin/Bennett/Trevisi-System are offered on Big Foot pads.

I bracket molari di Quick e alcuni tubi in tecnica Roth sono già disponibili puntati sui Big Foot Pads.



Big Foot pads are adaptable to the tooth surface.

I Big Foot Pads si adattano perfettamente alla superficie dentale.

Buccal tubes on Big Foot Pads
Tubi buccali su big foot pad

Roth System

CE 0297

Maxillary

	tooth dente	Torque	Angulation angolazione	distal offset offset distale		right/destra	left/sinistra
Comfort Line	6 | 6	-14	0	14	.018" x .025"	741B0704	740B0704
					.022" x .028"	741B0702	740B0702
	6 | 6	-14	0	14	.018" x .025"	741B0728	740B0728
					.022" x .028"	741B0726	740B0726
	76 | 67	-14	0	12	.018" x .025"	731B0734	730B0734
					.022" x .025"	731B0732	730B0732
	7 | 7	-14	0	14	.018" x .025"	741B0804	740B0804
					.022" x .028"	741B0802	740B0802

CE 0297

Mandibular

	tooth dente	Torque	Angulation angolazione	distal offset offset distale		right/destra	left/sinistra
	6 | 6	-30	0	4	.018" x .025"	741B1704	740B1704
					.022" x .028"	741B1702	740B1702
	76 | 67	-20	0	10	.018" x .025"	731B1734	730B1734
					.022" x .025"	731B1732	730B1732
	7 | 7	-30	0	4	.018" x .025"	741B1804	740B1804
					.022" x .028"	741B1802	740B1802

Buccal tubes on Big Foot Pads
Tubi buccali su big foot pad

McLaughlin / Bennett / Trevisi-System

CE 0297

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	right/destra	left/sinistra
	6 | 6	-14	0	10	.022" x .028"	728B0712	727B0712
	6 | 6	-14	0	10	.022" x .028"	728B0726	727B0726
	76 | 67	-14	0	12	.018" x .025"	731B0734	730B0734
					.022" x .025"	731B0732	730B0732
	7 | 7	-14	0	10	.022" x .028"	728B0802	727B0802

CE 0297

Mandibular	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	right/destra	left/sinistra
	6 | 6	-20	0	0	.022" x .028"	728B1702	727B1702
	76 | 67	-20	0	10	.018" x .025"	731B1734	730B1734
					.022" x .025"	731B1732	730B1732
	7 | 7	-10	0	0	.022" x .028"	728B1802	727B1802

Second molar buccal tubes on Large Pads
Tubi per secondi molari su Pad larghi

Roth System

CE 0297

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	7 | 7	-14	0	14	**.018" x .025"**	741L0804	740L0804
					.022" x .028"	741L0802	740L0802

Mandibular	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	7 | 7	-30	0	4	**.018" x .025"**	741L1804	740L1804
					.022" x .028"	741L1802	740L1802

McLaughlin / Bennett / Trevisi-System

CE 0297

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	7 | 7	-14	0	10	**.022" x .028"**	728L0802	727L0802

Mandibular	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	7 | 7	-10	0	0	**.022" x .028"**	728L1802	727L1802

Second molar buccal tubes on Large Pads
Tubi per secondi molari su Pad larghi

Hilgers System

CE 0297

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	7 | 7	-10	0	12	**.018" x .025"**	774L0804	773L0804
	7 | 7	-10	0	12	**.022" x .028"**	774L0802	773L0802

CE 0297

Mandibular	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	7 | 7	-27	0	12	**.018" x .025"**	774L1804	773L1804
	7 | 7	-27	0	12	**.022" x .028"**	774L1802	773L1802

Second molar buccal tubes on Large Pads
Tubi per secondi molari su Pad larghi

Andrews System

CE 0297

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	7 | 7	-9	0	10	**.022" x .028"**	748L8322	748L8222

Mandibular	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	7 | 7	-30	0	0	**.022" x .028"**	748L8325	748L8225

Special execution
Preparazione speciale

CE 0297

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	76 | 67	0	0	0	**.018" x .025"**	748L8211	748L8311
	76 | 67	0	0	0	**.022" x .028"**	748L8221	748L8321

Mandibular	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot		
						right/destra	left/sinistra
	76 | 67	0	0	0	**.018" x .025"**	748L8311	748L8211
	76 | 67	0	0	0	**.022" x .028"**	748L8321	748L8221

Ni-Free Products*
*Tubi nickel free**

Buccal tubes for direct bonding Ni-Free / Tubi diretti nickel free

CE 0297

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	Sandblasted pad Base sabbiata on pad/su Pad (10 pcs./10 pz.) right/destra	Sandblasted pad Base sabbiata on pad/su Pad (10 pcs./10 pz.) left/sinistra
occlusal headgear tube Comfort Line convertible	6 | 6	-14°	0°	14°	.018" x .025"	741M0704	740M0704
					.022" x .028"	741M0702	740M0702
Comfort Line convertible	6 | 6	-20°	0°	20°	.022" x .028"	728M0712	727M0712
	7 | 7	-20°	0°	12°	.022" x .028"	728M0802	727M0802
		-14°	0°	14°	.018" x .025"	741M0804	740M0804
					.022" x .028"	741M0802	740M0802

Mandibular

convertible	6 | 6	-30°	0°	4°	.018" x .025"	741M1704	740M1704
					.022" x .028"	741M1702	740M1702
Comfort Line convertible	6 | 6	-20°	0°	0°	.022" x .028"	728M1702	727M1702
convertible	6 | 6	-13°	0°	4°	.022" x .028"	728M1802	727M1802
	7 | 7	-30°	0°	4°	.018" x .025"	741M1804	740M1804
					.022" x .028"	741M1802	740M1802

*Nickel free

Prewelding Service
Servizio di prepuntatura

On FORESTADENT® bands we are welding all attachments indicated in this catalogue as well as the following brackets:

- *Roth N*
- *Andrews N*
- *Alexander S*
- *St. Ricketts N*
- *St. Edgewise N*

Special weldings cannot be exchanged or credited. Items, which are not our own manufacture, are welded against a surcharge, however, without any warranty.

Sulle bande FORESTADENT possono essere puntati tutti gli attacchi e tubi indicati su questo catalogo e nelle seguenti tecniche:

- *Roth N*
- *Andrews N*
- *Alexander S*
- *St. Ricketts N*
- *St. Edgewise N*

Le prepuntature speciali su richiesta non vengono sostituite o accreditate.

Maxillary premolar bands
Bande premolari superiori

CE 0297

When ordering single bands please add required band size to the given order numbers.
Il numero relativo alle misure facilita il riordino.

Maxillary

with seating eyelets.

tooth dente	single bands ricambi 5 pcs. of each size 5 pz. per misura		**band size** **misura**	band kits half left/half right bande in kits sinistre/destre		
	right/destra	left/sinistra		100 pieces/pz.	200 pieces/pz.	400 pieces/pz.
 5 4 | 4 5	860-00..		**01...32**	860-0100	860-0200	860-0400

without seating eyelets.

860N00..	**01...32**	860N0100	860N0200	860N0400

Mandibular premolar bands
Bande premolari inferiori

Mandibular

with seating eyelets.

tooth dente	single bands ricambi 5 pcs. of each size 5 pz. per misura		**band size** **misura**	band kits half left/half right bande in kits sinistre/destre		
	right/destra	left/sinistra		100 pieces/pz.	200 pieces/pz.	400 pieces/pz.
 5 | 5	875-00..		**05...32**	875-0100	875-0200	875-0400
 4 | 4	870-00..		**01...32**	870-0100	870-0200	870-0400

without seating eyelets.

 5 | 5	875N00..	**05...32**	875N0100	875N0200	875N0400
 4 | 4	870N00..	**01...32**	870N0100	870N0200	870N0400

Lingual cleats
Tubi palatali

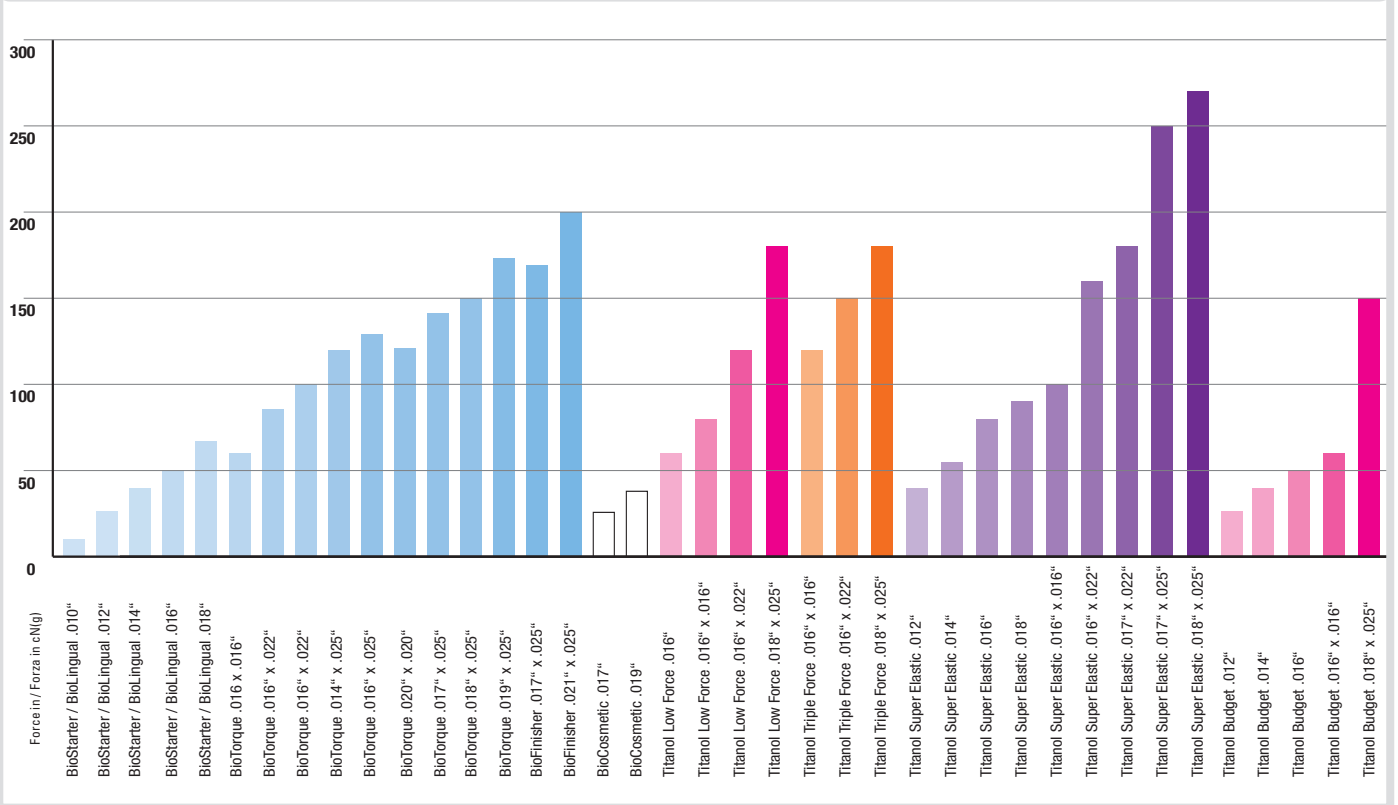
CE 0297

Order No. right/destra	Order No. left/sinistra		Offset	contents confezione	description descrizione
760-0085	760-0084		0°	10	**Lingual cleat** with latching indent, open, for Palatal Bar and Quad Helix **Tubi palatali** con blocco di fermo, aperti, per barre, per Quad Helix
760-0087	760-0086		0°	10	
760-0081			0°	10	
760-0089	760-0088		6°	10	

Wires, arches and preformed wire accessories
Fili, archi e accessori preformati

Wires, arches and preformed wire accessories
Fili, archi e accessori preformati

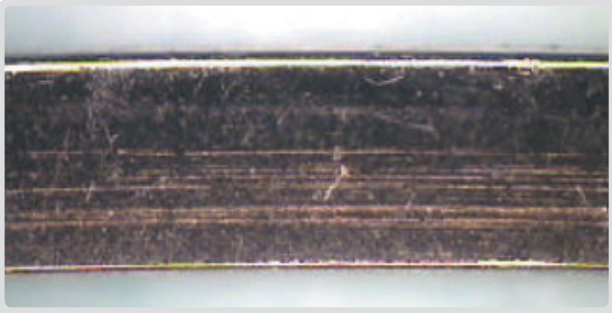
Force during unloading / Forza deflessione


300
250
200
150
100
50
0
Force in / Forza in cN(g)
BioStarter / BioLingual .010"
BioStarter / BioLingual .012"
BioStarter / BioLingual .014"
BioStarter / BioLingual .016"
BioStarter / BioLingual .018"
BioTorque .016 x .016"
BioTorque .016" x .022"
BioTorque .016" x .022"
BioTorque .014" x .025"
BioTorque .016" x .025"
BioTorque .020" x .020"
BioTorque .017" x .025"
BioTorque .018" x .025"
BioTorque .019" x .025"
BioFinisher .017" x .025"
BioFinisher .021" x .025"
BioCosmetic .017"
BioCosmetic .019"
Titanol Low Force .016"
Titanol Low Force .016" x .016"
Titanol Low Force .016" x .022"
Titanol Low Force .018" x .025"
Titanol Triple Force .016" x .016"
Titanol Triple Force .016" x .022"
Titanol Triple Force .018" x .025"
Titanol Super Elastic .012"
Titanol Super Elastic .014"
Titanol Super Elastic .016"
Titanol Super Elastic .018"
Titanol Super Elastic .016" x .016"
Titanol Super Elastic .016" x .022"
Titanol Super Elastic .017" x .022"
Titanol Super Elastic .017" x .025"
Titanol Super Elastic .018" x .025"
Titanol Budget .012"
Titanol Budget .014"
Titanol Budget .016"
Titanol Budget .016" x .016"
Titanol Budget .018" x .025"

Wires, arches and preformed wire accessories
Fili, archi e accessori preformati

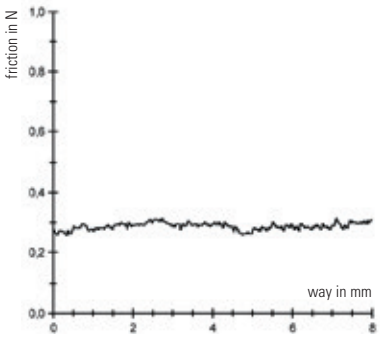
Surface condition / caratteristiche di superficie

FORESTADENT

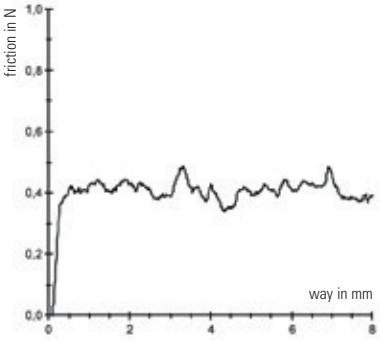


competitor / concorrenza

Friction values / Valori di frizione (square wire)

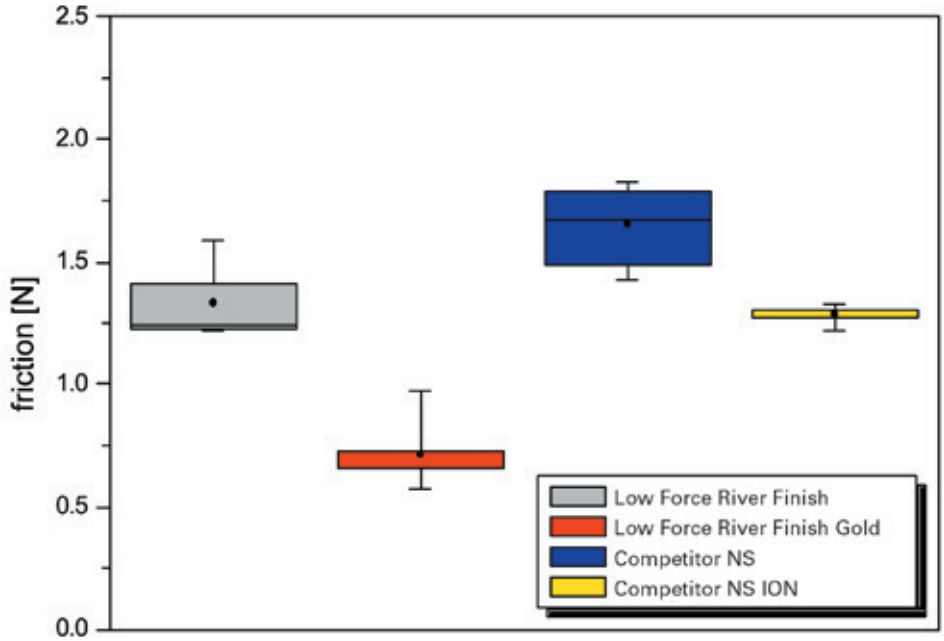


FORESTADENT

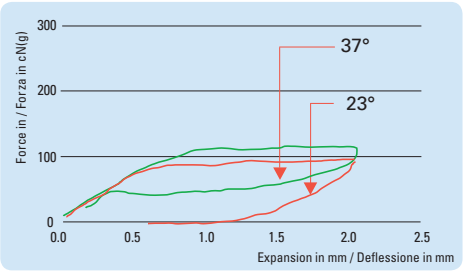


competitor / concorrenza

Friction / Frizione

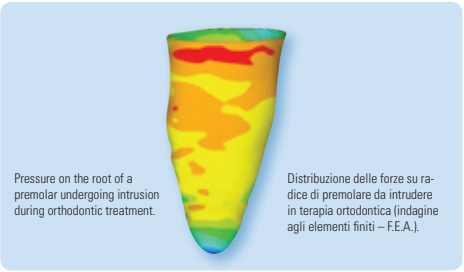


Forestadent BioArchwires – the intelligent archwires for every treatment stage
BioArchi Forestadent – l'arco intelligente per ogni fase del trattamento



Shape Memory – gentle treatment thanks to special alloy. Force changes due to temperature variations are greatly reduced in the BioArchwires due to the use of a special alloy. All temperature changes a reversible. Due to this characteristic the influence of cold and hot foods and drinks results in intermittent levelling. When the forces applied by the archwire become uncomfortable for the patient a glass of cold water can almost instantly take away the discomfort.

Memoria di forma. Grazie all'impiego di una lega di origine aerospaziale, le variazioni di temperatura non influiscono sulla forma iniziale dei BioArchi Forestadent. Ogni variazione di natura termica è pienamente reversibile. Grazie a questa qualità, l'effetto di bevande e cibi freddi o caldi determina interruzioni temporanee delle forze espresse. Grazie alla marcata termoattività del materiale, l'eventuale sensazione di dolenzia iniziale si riduce sensibilmente assumendo bevande o cibi freddi.



Pressure on the root of a premolar undergoing intrusion during orthodontic treatment.

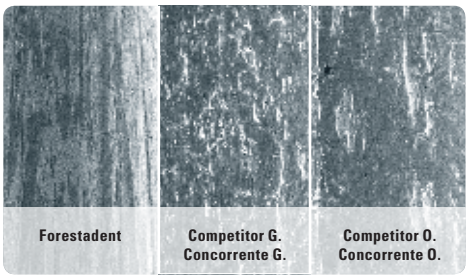
Distribuzione delle forze su radice di premolare da intrudere in terapia ortodontica (indagine agli elementi finiti – F.E.A.).

Clinically proven
A clinical study confirms that the low forces expressed by BioStarter® round arch wires can help to avoid resorption when the correct archwires and archwire sequence is applied. The results of the clinical study have been verified by using the Finite Element Method (please see picture).*

**(Wurzelresorptionen an oberen ersten Prämolaren... Rolf Faltin et al., Fortschritte der Kieferorthopädie 1998, 59:208-219 (Nr. 4))*

Clinicamente testati
Uno studio clinico conferma che le forze delicate di BioStarter® evitano il riassorbimento radicolare quando ne venga applicata la corretta sequenza. Questi risultati sono stati confermati da studi effettuati con il sistema degli elementi finiti (vedi figura).*

**Distribuzione delle forze su radice di premolare da intrudere in terapia ortodontica (analisi agli elementi finiti – FEA)*



Surface condition: The uniquely smooth surface of BioStarter® and BioTorque® archwires reduces friction and allows faster and more efficient treatment progress.

La superficie assolutamente liscia di BioStarter® e BioTorque® riduce l'attrito offrendo i risultati terapeutici in tempi più brevi.

Faster treatment progress due to efficient force application.
The uniquely smooth surface of BioArchwires reduces the friction between archwire and bracket by up to 30 %. Due to the combination of the unique characteristics these intelligent wires from Forestadent® work more gently and efficiently. The orthodontic treatment will be completed faster. When using BioArchwires treatment can be completed with fewer archwires in a shorter period of time – a more economical solution for the clinician and the patient.

Terapia più veloce grazie alla fisiologica applicazione delle forze.
La superficie straordinariamente liscia dei BioArchi Forestadent riduce l'attrito fra archi e attacchi fino al 30%. Grazie alle loro caratteristiche esclusive, gli archi intelligenti di Forestadent® lavorano in modo efficace e delicato. Il trattamento ortodontico sarà completato più rapidamente, con un numero minore di archi e in un tempo minore, con vantaggi economici per medico e paziente.

BioStarter®, BioTorque®

individually packed/ in buste singole sterili

Info
N° 180

CE 0297

description descrizione	Straight-arch-form Order No. Maxillary	 Order No. Mandibular	Euro-smile-form Order No. Maxillary	 Order No. Mandibular	profile sezione	force forza	ø inch	contents confezione
BioStarter® Individually packed in buste singole sterili	203-0825	203-0925	203-1825	203-1925	●	20 g	.010"	10
	203-0830	203-0930	203-1830	203-1930	●	30 g	.012"	10
	203-0835	203-0935	203-1835	203-1935	●	40 g	.014"	10
	203-0840	203-0940	203-1840	203-1940	●	50 g	.016"	10
	203-0845	203-0945	203-1845	203-1945	●	70 g	.018"	10
BioTorque® Individually packed in buste singole sterili	203-2035	203-2135	203-4035	203-4135	▬	120 g	.014"x.025"	10
	203-1440	203-1540	203-3440	203-3540	■	60 g	.016"x.016"	10
	203-2040	203-2140	203-4040	203-4140	▬	100 g	.016"x.022"	10
	203-2440	203-2540	203-4440	203-4540	▬	135 g	.016"x.025"	10
	203-2044	203-2144	203-4044	203-4144	▬	140 g	.017"x.025"	10
	203-1445	203-1545	203-3445	203-3545	■	90 g	.018"x.018"	10
	203-2046	203-2146	203-4046	203-4146	▬	150 g	.018"x.025"	10
	203-2048	203-2148	203-4048	203-4148	▬	170 g	.019"x.025"	10
	203-1450	203-1550	203-3450	203-3550	■	130 g	.020"x.020"	10

BioFinisher®

individually packed/ in buste singole sterili

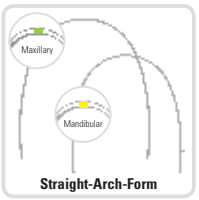
CE 0297

description descrizione	Straight-arch-form Order No. Maxillary	 Order No. Mandibular	Euro-smile-form Order No. Maxillary	 Order No. Mandibular	profile sezione	force forza	slot	contents confezione
	203-2054	203-2154	203-4054	203-4154	▬	140 g	.017" x .025"	10
	203-2053	203-2153	203-4053	203-4153	▬	200 g	.021" x .025"	10

Titanol® Low Force

Straight-Arch-Form
Archi in forma "straight arch"

Individually packed/confezione singola

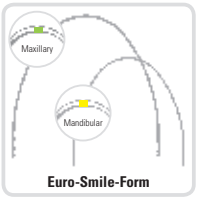


description descrizione	Order No. CE 0297 Maxillary	Order No. CE 0297 Mandibular	profile sezione	ø mm	ø inch	contents descrizione
	280-0840	280-0940	●	0,40	.016	10
Arch wires in Straight-Arch form with 30 % less elasticity than Titanol Superelastic	280-1440	280-1540	■	0,41 x 0,41	.016 x .016	10
Archi in forma "straight arch" elasticità inferiore del 30 % rispetto al Titanol Superelastic	280-2040	280-2140	▬	0,41 x 0,56	.016 x .022	10
	280-2046	280-2146	▬	0,46 x 0,64	.018 x .025	10

Titanol® Low Force

Euro Smile Arch Form
Archi in forma "Euro Smile"

Individually packed/confezione singola



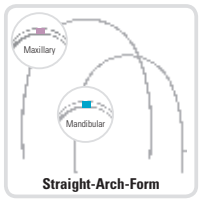
description descrizione	Order No. CE 0297 Maxillary	Order No. CE 0297 Mandibular	profile sezione	ø mm	ø inch	contents descrizione
	281-1440	281-1540	■	0,41 x 0,41	.016 x .016	10
Arch wires in Euro-Smile form **Archi in forma "Euro smile"**	281-2040	281-2140	▬	0,41 x 0,56	.016 x .022	10
	281-2046	281-2146	▬	0,46 x 0,64	.018 x .025	10

* up to 30% less friction/fino a 30% meno frizione

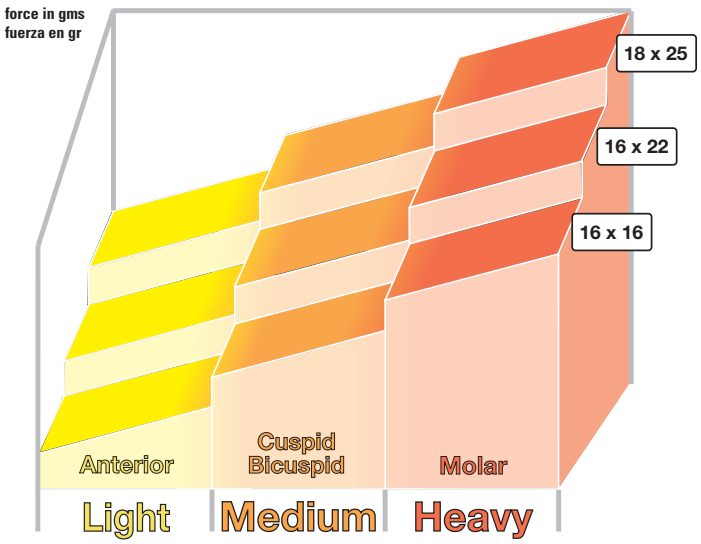
Titanol® Triple Force

Straight-Arch-Form
Archi in forma "straight arch"
Individually packed/confezione singola

RIVER FINISH GOLD *



the 3 force zones
Le 3 zone di forza



Triple Force
with the three force segments for a biological positive force on the teeth. Light for anteriors, medium for bicuspids and heavy for the posterior segment.

Tripla Forza
Permettono il movimento dei denti mediante forze biologiche differenziate sui diversi settori dello stesso arco con minima frizione del filo. Garantiscono il massimo comfort del paziente per trattamenti in tempi ridotti.

* up to 30% less friction/fino a 30% meno frizione

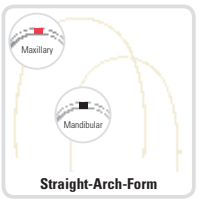
description descrizione	Order No. CE 0297 Maxillary	Order No. CE 0297 Mandibular	profile sezione	ø mm	ø inch	contents descrizione
Triple Force arch wires in Straight-Arch form	276-1440	276-1540	■	0,41 x 0,41	.016 x .016	10
Tripla Forza Archi in forma "straight arch"	276-2041	276-2141	▬	0,41 x 0,56	.016 x .022	10
	276-2046	276-2146		0,46 x 0,64	.018 x .025	10

BioCosmetic®-archwires/Archi BioCosmetic® *Individually packed/confezione singola*

description descrizione	Straight-arch-form Order No. Maxillary	 Order No. Mandibular	Euro-smile-form Order No. Maxillary	 Order No. Mandibular	profile sezione	force forza	ø inch	Slot	contents confezione
BioCosmetic Superelastic Superelastica	217-0845	217-0945	217-1845	217-1945	●	25 g	.017"	.018"/.022"	10
	217-0850	217-0950	217-1850	217-1950	●	35 g	.019"	.022"	10
	217-1440	217-1540	217-3440	217-3540	■	55 g	.016" x .016"	.018"/.022"	10
	217-2040	217-2140	217-4040	217-4140	▬	90 g	.016" x .022"	.018"/.022"	10
	217-2046	217-2146	217-4046	217-4146	▬	135 g	.018" x .025"	.018"/.022"	10

Titanol® Cosmetic

coated in tooth colour, Individually packed
con ricopertura estetica, confezione singola



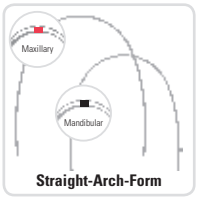
description descrizione	Order No. CE 0297 Maxillary	Order No. CE 0297 Mandibular	profile sezione	ø inch uncoated senza ricopertura	ø inch coated ricoperto	contents descrizione
Wires in Straight-Arch form coated in tooth colour **Archi in forma "straight arch"** con ricopertura estetica	207-0835	207-0935	●	.012	.014	10
	207-0840	207-0940		.014	.016	10
	207-0845	207-0945		.016	.018	10
	207-0850	207-0950		.018	.020	10
	207-1445	207-1545	■	.016 x .016	.018 x .018	10
	207-2045	207-2145	▬	.016 x .022	.018 x .024	10

200-0006		**Arch wire holder – 4 trays** made plexi glass for all arch wires in packs of 10, for 8 packages **Espositore da 8 confezioni,** in plexyglass
200-0005		**Arch wire holder – 2 trays** made plexi glass for all arch wires in packs of 10, for 6 packages **Espositore da 6 confezioni,** in plexyglass

Titanol® Superelastic

Straight-Arch-Form

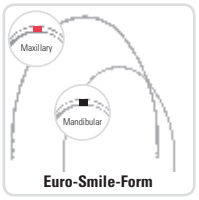
Code:



description descrizione	Order No. CE 0297 Maxillary	Order No. CE 0297 Mandibular	profile sezione	ø mm	ø inch	contents descrizione
Wires in Straight-Arch form coated in tooth colour **Archi in forma "straight arch"** con ricopertura estetica	204-0830	204-0930	●	0,30	.012	10
	204-0835	204-0935		0,35	.014	10
	204-0840	204-0940		0,40	.016	10
	204-0845	204-0945		0,45	.018	10
	204-1440	204-1540	■	0,41 x 0,41	.016 x .016	10
	204-2040	204-2140	▬	0,41 x 0,56	.016 x .022	10
	204-2043	204-2143		0,43 x 0,56	.017 x .022	10
	204-2044	204-2144		0,43 x 0,64	.017 x .025	10
	204-2046	204-2146		0,46 x 0,64	.018 x .025	10

Euro Smile Arch Form

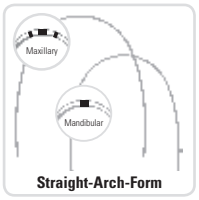
Code:



description descrizione	Order No. CE 0297 Maxillary	Order No. CE 0297 Mandibular	profile sezione	ø mm	ø inch	contents descrizione
Arch wires in Euro-Smile form **Archi in forma "Euro smile"**	244-1440	244-1540	■	0,41 x 0,41	.016 x .016	10
	244-2040	244-2140	▬	0,41 x 0,56	.016 x .022	10
	244-2046	244-2146		0,46 x 0,64	.018 x .025	10

*Titanol® - Budget**

Code:

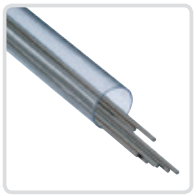


description descrizione	Order No. CE 0297 Maxillary	Order No. CE 0297 Mandibular	profile sezione	ø mm	ø inch	contents descrizione
Wires in Straight-Arch form **Archi in forma "straight arch"**	206-0830	206-0930	●	0,30	.012	10
	206-0835	206-0935		0,35	.014	10
	206-0840	206-0940		0,40	.016	10
	206-1440	206-1540	■	0,41 x 0,41	.016 x .016	10
	206-2040	206-2140	▬	0,41 x 0,56	.016 x .022	10
	206-2046	206-2146		0,46 x 0,64	.018 x .025	10

Betaflex Titan

Code:

description descrizione	Straight-arch-form Order No. Maxillary	 Order No. Mandibular	Euro-smile-form Order No. Maxillary	 Order No. Mandibular	profile sezione	ø mm	ø inch	contents confezione
Betaflex Titanium	282-0840	282-0940	283-0840	283-0940	●	0,41	.016	10
	282-0845	282-0945	283-0845	283-0945	●	0,46	.018	10
	282-2040	282-2140	283-2040	283-2140	▬	0,41 x 0,56	.016 x .022	10
	282-2042	282-2142	283-2042	283-2142	▬	0,41 x 0,64	.016 x .025	10
	282-2043	282-2143	283-2043	283-2143	▬	0,43 x 0,64	.017 x .025	10
	282-2046	282-2146	283-2046	283-2146	▬	0,46 x 0,64	.018 x .025	10
	282-2048	282-2148	283-2048	283-2148	▬	0,48 x 0,64	.019 x .025	10
	282-2054	282-2154	283-2054	283-2154	▬	0,54 x 0,64	.021 x .025	10



Betaflex Titan

description descrizione	Order No. CE 0297	profile sezione	ø mm	ø inch	contents descrizione
NI-FREE*					
Betaflex titanium wires - straight of 355 mm = 14" length	220-4055	▬	0,41 x 0,56	.016 x .022	10
Filo Betaflex in Titanio - diritto barre da 355 mm = 14" lunghezza	220-4563	▬	0,46 x 0,64	.018 x .025	10
Betaflex titanium wires - straight of 355 mm = 14" length, for "Pendulum Appliance" **Filo Betaflex in Titanio - diritto** barre da 355 mm = 14" lunghezza per "Pendulum Appliance"	220-4081	●	0,8	.032	10

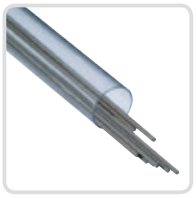
*Nickel free

Steel arch wires
Archi in acciaio

Code:

description descrizione	Straight-arch-form Order No. Maxillary	 Order No. Mandibular	Euro-smile-form Order No. Maxillary	 Order No. Mandibular	profile sezione	ø mm	ø inch	contents confezione
Steel arch wires **Archi in acciaio**	202-3940	202-4040	–	–	●	0,41	.016	10
	202-3945	202-4045	–	–		0,46	.018	10
	202-3540	202-3640	201-3540	201-3640	■	0,41 x 0,41	016 x .016	10
	202-3740	202-3840	201-3740	201-3840		0,41 x 0,56	.016 x .022	10
	202-3743	202-3843	201-3743	201-3843		0,43 x 0,64	.017 x .025	10
	202-3745	202-3845	–	–	■	0,46 x 0,64	.018 x .025	10
	202-3748	202-3848	201-3748	201-3848		0,48 x 0,64	.019 x .025	10
	202-3754	202-3854	201-3754	201-3854		0,54 x 0,64	.021 x .025	10

Steel arch wires – straight
Archi in forma diretto



description descrizione	Order No. CE 0297 Maxillary	 Mandibular	profile sezione	ø mm	ø inch	contents descrizione
Steel wires - straight **Archi in forma diretto**	219-4040		●	0,41	.016	10
	219-4045			0,46	.018	10
	239-4435		■	0,43 x 0,64	.017 x .025	10
	219-4455			0,45 x 0,64	.018"x.025"	10

Stainless steel arch wires – 4-loop Swing technique
Archi in acciaio tecnica Swing a 4 loop

individually packed/ in buste singole sterili

description descrizione	Order No. CE 0297	profile sezione	size misura	ø inch	contents confezione
Stainless steel arch wires 4-loop Swing technique **Archi in acciaio tecnica Swing a 4 loop**	254-2640	▬	26 mm	.016 x. 022"	10
	254-2840	▬	28 mm	.016 x .022"	10
	254-3040	▬	30 mm	.016 x .022"	10
	254-3240	▬	32 mm	.016 x .022"	10
	254-2648	▬	26 mm	.019 x .025"	10
	254-2848	▬	28 mm	.019 x .025"	10
	254-3048	▬	30 mm	.019 x .025"	10
	254-3448	▬	34 mm	.019 x .025"	10
	254-3648	▬	36 mm	.019 x .025"	10
	254-3848	▬	38 mm	.019 x .025"	10
	254-4048	▬	40 mm	.019 x .025"	10

Titanol®-Spee

description descrizione	Order No. CE 0297 Maxillary	Order No. CE 0297 Mandibular	profile sezione	ø mm	ø inch	contents descrizione
Spee-arches made of Martensitic Titanol **Archi con curva di Spee** inversa in Titanol Martensitico	205-7044	205-7144	▬	0,43 x 0,64	.017 x .025	10
Spee-arches made of Titanol wire **Archi con curva di Spee** inversa Titanol	205-0840	205-0940	●	0,40	.016	10
	205-0845	205-0945		0,45	.018	10
	205-1440	205-1540	■	0,41 x 0,41	.016 x .016	10
	205-2040	205-2140	▬	0,41 x 0,56	.016 x .022	10
	205-2044	205-2144		0,43 x 0,64	.017 x . 025	10

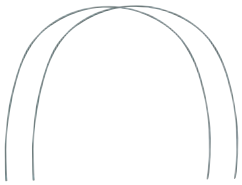
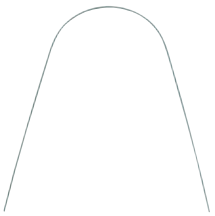
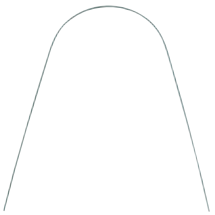
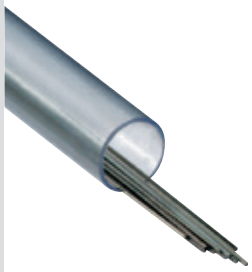
FORESTALLOY

Code:

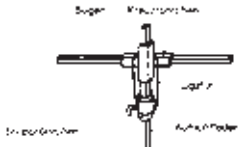
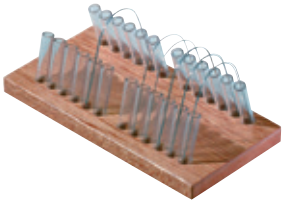
description descrizione	Order No. blue/azul 1.600-1.800 N/mm^2	profile sezione	ø mm	ø inch	contents descrizione
Round and square wires for the multi band technique of 355 mm = 14" length each	222-4040	■	0,41 x 0,41	.016 x .016	10
Filo per la tecnica multibande. Confezione da 355 mm = 14" Inc. cad.	232-4400	▬	0,41 x 0,56	.016 x .022	10

FORESTAFLEX

Code:

Order No. Maxillary CE 0297	Order No. Mandibular CE 0297	profile sezione	ø mm	ø inch	contents confezione	description descrizione
200-8040	200-8140		0,41 x 0,41	.016 x .016	10	**Twisted rectangular arch wires,** eight in one
200-8240	200-8340		0,41 x 0,56	.016 x .022	10	**Archi anatomici in filo intrecciato,** rettangolare 8 fili
200-3340			0,40	.016	10	**Six-twist-wires,** preformed
200-3345			0,45	.018	10	**Archi standard in filo intrecciato,** tondo 6 fili
200-2240			0,41 x 0,41	.016 x .016	10	**Twisted rectangular arch wires,** preformed, eight in one
200-2355			0,41 x 0,56	.016 x .022	10	**Archi standard in filo intrecciato,** 8 fili
264-1029			0,26 x 0,74	.010 x .029	1,5 m	**Twisted rectangular arch wire** on spool (Lingual retainer) **Fils rectangulaire tressés,** bobina (Lingual retainer)
253-4038			0,38	.015	10	**Twist wires** 355 mm/14" length
263-4040			0,40	.016	10	**Filo diritto intrecciato** 355 mm / 14" inc. cad.

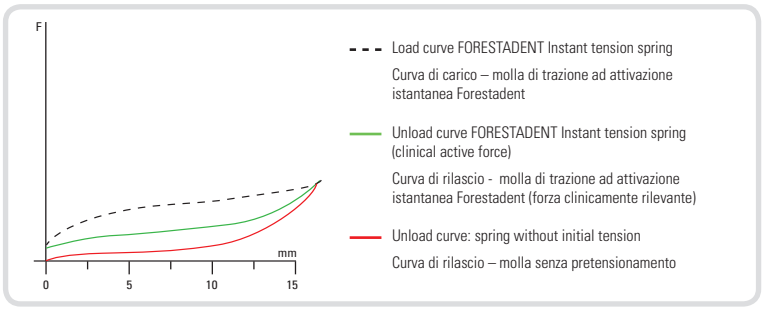
Auxiliary
Accessori

Order No. CE 0297 Slot .018"	Order No. CE 0297 Slot .022"	type tipo	contents confezione	description descrizione
307-1060	307-1065		10	**Power-Arm**
760-0062	760-0063		10	**Cross tube** **Tubo a croce** 
760-0055	760-0056		10	**Sliding hook** closed **Gancio** chiuso
760-0064	760-0065		10	**Stop tube** closed **Tubo di stop** chiuso
760-0057	760-0058		10	**Sliding hook** slit **Gancio** aperto
760-0066	760-0067		10	**Stop tube** slit **Tubo di stop** aperto
760-0071			50	**Crimpable Stops** **Tubo di stop** aperto
200-0007			1	**Arch wire holder** for Forestalloy and Forestaflex **Dispenser in legno per archi** per Forestalloy e Forestaflex

TITANOL®
Tension and compression springs
Molle di trazione e compressione

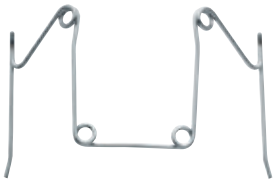
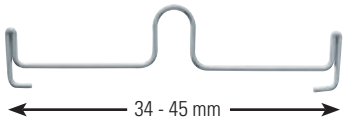
The Instant Tension Spring by FORESTADENT is pre-stressed. This means, the clinically effective force remains unchanged until the end of its work range, while the force level of not pre-stressed springs drops to zero.

la molla di trazione ad attivazione istantanea Forestadent è pretensionata. Questo significa che la forza rilasciata è costante per ogni livello di tensione della molla, mentre per le molle non pretensionate la forza si annulla progressivamente.


F
mm
0
5
10
15
Load curve FORESTADENT Instant tension spring
Curva di carico – molla di trazione ad attivazione istantanea Forestadent
Unload curve FORESTADENT Instant tension spring (clinical active force)
Curva di rilascio - molla di trazione ad attivazione istantanea Forestadent (forza clinicamente rilevante)
Unload curve: spring without initial tension
Curva di rilascio – molla senza pretensionamento

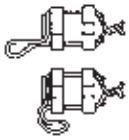
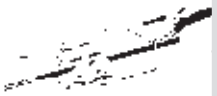
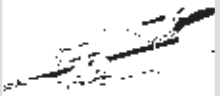
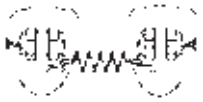
Order No. CE 0297		length lunghe	power forza	contents confezione	description descrizione
311-1026		8 mm	80 g extra light	10	**Instant tension spring**
311-1027		8 mm	125 g light	10	
311-1028		8 mm	175 g medium	10	**Molla di trazione ad attivazione istantanea**
311-1030		12 mm	125 g light	10	
311-1031		18 mm	125 g light	10	
311-2001		14 mm	175 g medium	10	**Compression spring** **Molla di compressione**
311-2020		180 mm	110 g	3	**Distalizing spring,** stops automatically occur when cut. **Molla di distalizzazione** Al punto di taglio si crea automaticamente lo stop
311-1029		18 mm	175 g	10	**Tension spring class II** **Molla di trazione per seconde classi**

Preformed springs
Quad Helix e barre palatali

Order No. CE 0297		ø mm	size misura	width larghezza	contents confezione	description descrizione
315-1001		0,90	1	-	10	**Quad Helix**
315-1002		0,90	2	-	10	
315-1003		0,90	3	-	10	
313-1937		0,90	2	37	10	**Palatal Bar** according to Goshgarian
313-1941		0,90	3	41	10	**Barre palatali** secondo Goshgarian
313-1945		0,90	4	45	10	

Order No. left/sinistra CE 0297	Order No. right/destra CE 0297		Offset	contents confezione	description descrizione
760-0084	760-0085		0°	10	**Lingual cleat** with latching indent, open for Palatal Bar and Quad Helix
760-0086	760-0087		0°	10	
760-0081			0°	10	**Tubo palatale** aperto per barre Quad Helix
760-0088	760-0089		6°	10	

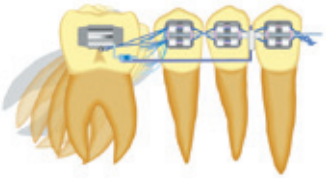
Ligature wire
Legature

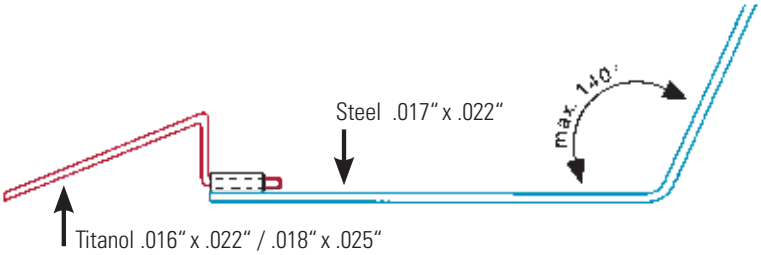
Order No. CE 0297		ø mm	ø inch	contents confezione	description descrizione
312-1001		0,20	.008	1000	**Preformed ligature wire** **Legature preformate** 
312-1002		0,25	.010	1000	
312-1006		0,35	.014	100	
312-1010		0,30	.012	100	tooth colour coated con ricopertura estetica
312-1004		0,25	.010	1000	**Preformed ligature ties** **Colombelle preformate** acc. to. Dr. C. Sander 
312-1005		0,25	.010	1000	**Preformed ligature ties,** soft **Colombelle preformate,** blando acc. to Dr. Hinz 
312-1009		0,30	.012	100	tooth colour coated con ricopertura estetica
312-1007		0,35	.014	100	**Preformed ligature ties,** suitable as Powerhook **Colombelle preformate,** Utilizzabile come powerhook 
312-1008		0,35	.014	100	
312-1011		0,35	.014	100	tooth colour coated con ricopertura estetica

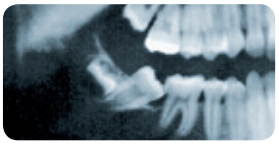
*Memory Titanol® Spring for uprighting of the molars**
*Molla Memory Titanol® per il raddrizzamento dei molari**

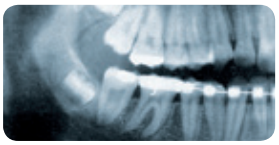
2nd Generation

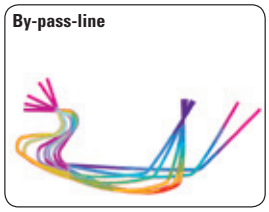
New: 30° preactivated!
Novità: Preattivata a 30°!

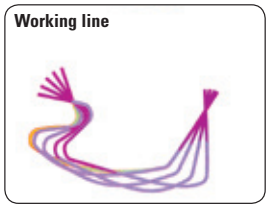












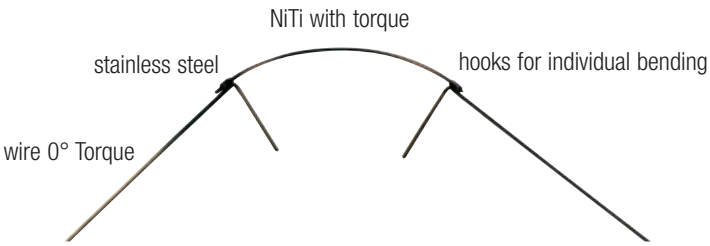
Uprighting spring
By using the superelastic Titanol® wire with its Martensite plateau a biological favourable low force is effective to the uprighting of the molars.

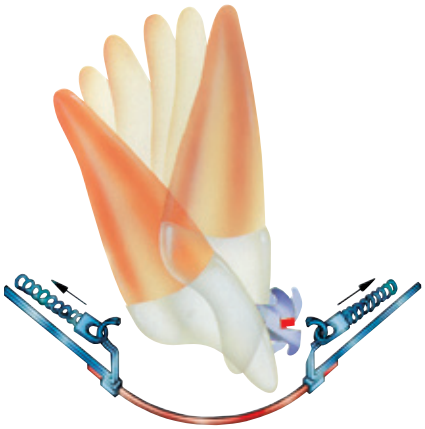
La molla di raddrizzamento dei molari Memory Titanol®
esercita una forza biologica, leggera e costante per un efficace raddrizzamento.

Order No. CE 0297		contents confezione	description descrizione
Slot .018" 307-1011		10 + 10	**Set with cross tube** **Set con tubo a croce**
Slot .022" 307-1013		10 + 10	
Slot .018" 307-1010		10	**Uprighting spring** **Molla per il raddizzamento dei molari**
Slot .022" 307-1012		10	
Slot .018" 760-0062		10	**Cross tube** **Tubo a croce**
Slot .022" 760-0063		10	
.016" x .016" 307-1009		10	**Molar-Uprighting spring** (.016" x .016" – Stiff) High resilient, for the auxilliary slot of the Quick brackets **Molla di uprighting dei molari ad elevata resilienza,** (.016" x .016" – Stiff) per slot ausiliario dei Quick bracket

*acc. to Prof. Dr. F. G. Sander

*Retraction and torque arch**
*Arco di arretramento a torque programmato**





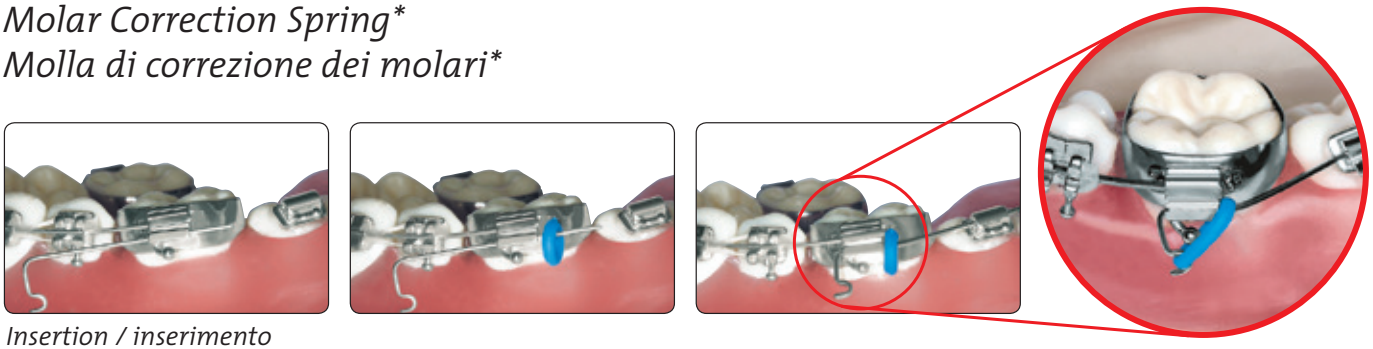
The retraction and torque arch wire is used for bodily retraction and torquing of anterior teeth.

L'arco, a torque programmato, di arretramento rappresenta un avanzamento del classico sistema dell'arco segmentato per la retrazione dei denti anteriori.

Order No. CE 0297	dimensions/dimensioni: anterior segment / segmento anteriore	dimensions/dimensioni: torque / torque	dimensions/dimensioni: lateral segment / segmento laterale	technique / tecnica	contents / confezione
210-3040	.016" x .022"	30°	.017"x.022"	.018"	1
210-2040	.016" x .022"	45°	.017"x.022"	.018"	1
210-2044	.017" x .025"	30°	.017"x.022"	.022"	1
210-2046	.018" x .025"	45°	.017"x.022"	.022"	1
311-1030		**Titanol Instant tension spring** **Molla di trazione Titanol**		12 mm	10
311-1031				18 mm	
654-0001 CE 0297		**Plastic protection tube** for tension spring **Guaina in elastomero** per protezione			1
732-0005 CE		**Torque key** **Chiave di Torque**		.018"	1
732-0006 CE				.022"	

*acc. to Prof. Dr. F. G. Sander

*Molar Correction Spring**
*Molla di correzione dei molari**



Insertion / inserimento

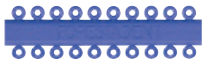
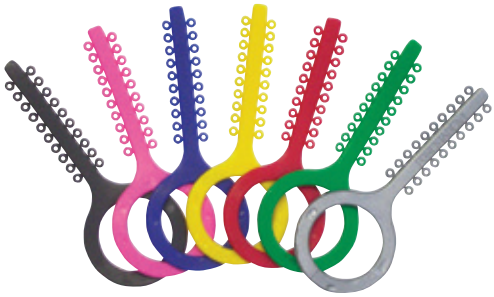
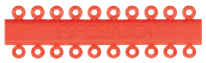
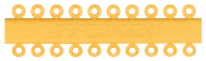
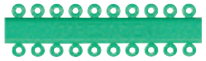
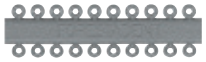
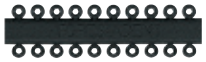
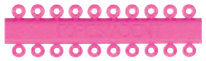
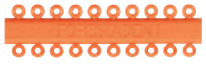
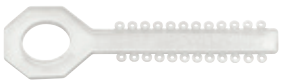
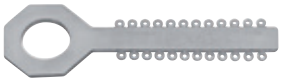
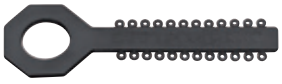
Order No. CE 0297		contents confezione	description descrizione
307-1015		5	**Molar Correction Spring** (.016" x .022") **Molla di correzione dei molari** (.016" x .022")
307-1051		5	**Memory Molar Correction Spring** (.016" x .016" – Stiff) for the auxillary slot of the Quick Brackets **Molla di correzione dei molari** (.016" x .016" – Stiff) per slot ausiliario dei Quick bracket

*acc. to Prof. Dr. F. G. Sander

Intra-Extra Oral

Ligature elastics
Legature elastiche

Info
N° 165

Order No. universal profile CE 0297		colour colore	pieces pezzi	description descrizione
659-0008		blue / blu	50 x 20	**Happy-Elastics** on key ring **Happy-Elastics** su anello a chiave 
659-0009		red / rosso		
659-0010		yellow / giallo		
659-0011		green / verde		
659-0012		grey / grigio		
659-0013		silver / argento		
659-0014		black / nero		
659-0015		pink / rosa		
659-0016		marine-blue / marine-blu		
659-0017		fuchsia / fucsia		
659-0018		tooth-colour / color del dente		
659-0019		white / bianco		
659-0020		orange / arancione		
659-0021		clear / trasparente		
650-0009		clear / transparente	20 x 50	**Elastic ligatures** on cane dispensers **Legature elastiche** in dispenser
653-0001		clear / transparente	1000	**Elastic ligatures** premium quality loose **Legature elastiche** di alta qualità-sfuse
659-0200		clear / transparente		**Elastic ligatures** - small version, ideal for Micro Sprint Brackets **Elastic ligatures** - piccolo, ideale per attacchi Micro Sprint
659-0201		silver / argento		
659-0202		black / nero		

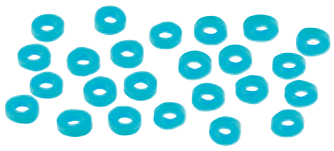
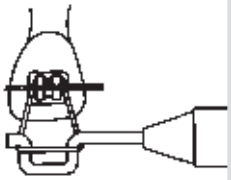
Order No. universal profile CE 0297		colour colore	pieces pezzi	description descrizione
659-0100		grey/grigio	10 x 100	**Happy-Elastics** on arrow ties **Happy-Elastics** su distributore in forma di freccia
659-0101		black/nero		
659-0102		silver/argento		
659-0103		red/rosso		
659-0104		white/bianco		
659-0105		orange/arancione		
659-0106		pink/rosa		
659-0107		fuchsia/fucsia		
659-0108		blue/blu		
659-0109		marine-blue/marine-blu		
659-0110		yellow/giallo		
659-0111		green/verde		
659-0112		clear/transparente		
659-0113		tooth colour/color del dente		
659-0116	**Mixed colour pack** **Assortimento 10 colori**		10 x 100	
659-0114	**Mixed colours in Box** **Assortimento 18 colori**		18 x 50	

Elastics chains and accessories
Legature elastiche e accessori

Order No. universal profile CE 0297		colour colore	pieces pezzi	description descrizione
655-0002 small		clear transparente	1 roll 1,5 m	**Happy-Elastics spool chain** **Catenella elastica**
655-0001 medium		clear transparente		
655-0003 wide		clear transparente	1 bobina 1,5 m	
655-0010 extra wide		clear transparente		
655-0100		10 x 22		**Silicone ligatures** **Legature Silicon**
655-0015		1 Roll / bobina (1,5 m)		**Lingual elastic chain** flatter than standard-chains. Also suitable for Micro Sprint Brackets Più sottile delle catenelle standard. Adatto anche per attacchi Micro Sprint

Order No.		contents pezzi	description descrizione
659-0001 CE		100	**Elastic-Rotator** **Elastici per rotazione**

Accessories
Accessori

Order No.		contents pezzi	description descrizione
657-0002 CE 0297		1000	**Elastic Separators** Ø 2,1 **Elastici separatori** Ø 2,1
658-0002 CE 0297		25 feet spool 7,5 m bobina	**Plasto-Flex** - external Ø 0,63 mm = .025" **Plasto-Flex** - Ø esterno 0,63 mm = .025"
501-0869 CE		1	**Ligature-forceps** **Pinza per legature**
501-0838 CE		1	**Twirl-on-Instrument** **Strumento per legature** 
652-0002 CE		10	**Orthodontic wrench** to attach and remove elastics **Applicatore** per elastici intraorali

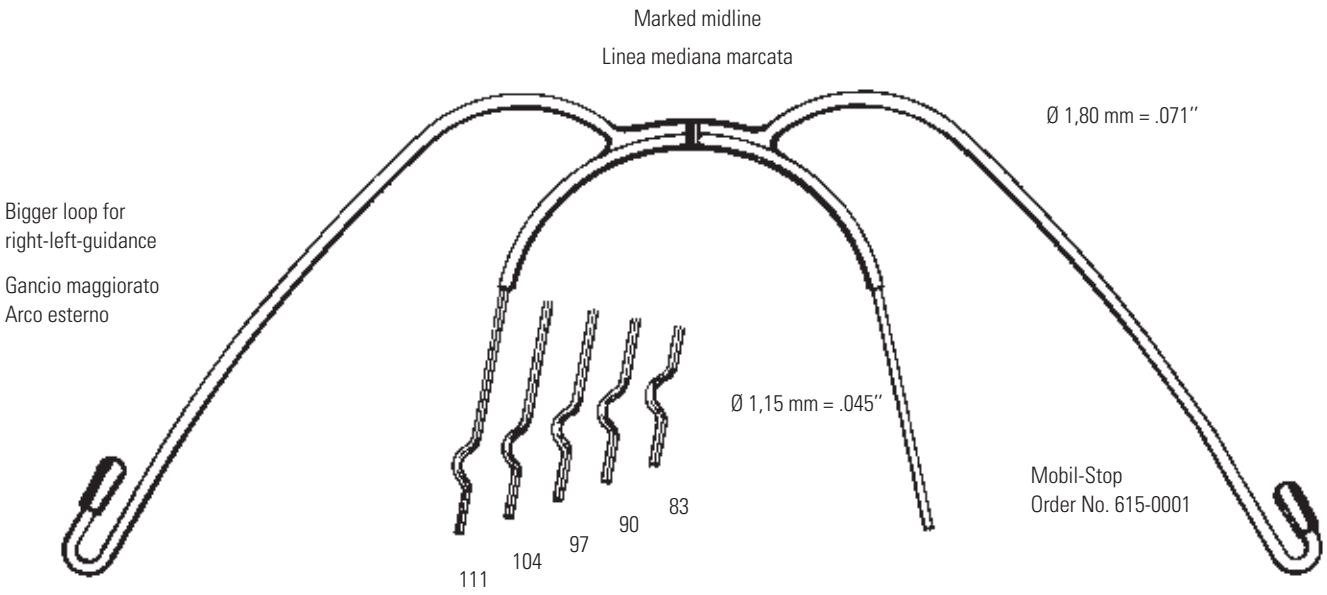
FOR Elastics-Fruit-Line

Intra-oral elastics
Elastici intra-orali

LATEX Elastics CE 0297	NON-LATEX Elastics CE 0297		contents contenuto	mm Anello interno dia.	inch	description descrizione	
650-1006	650-4006		10 x 100	3,2	1/8		
650-1001	650-4001		10 x 100	4,8	3/16	**light leggero**	**60 g = 2 OZ**
650-1002	650-4002		10 x 100	6,3	1/4		
650-1003	650-4003		10 x 100	7,9	5/16		
650-1016	650-4016		10 x 100	3,2	1/8		
650-1011	650-4011		10 x 100	4,8	3/16	**medium medio**	**115 g = 4 OZ**
650-1012	650-4012		10 x 100	6,3	1/4		
650-1013	650-4013		10 x 100	7,9	5/16		
650-1026	650-4026		10 x 100	3,2	1/8		
650-1021	650-4021		10 x 100	4,8	3/16	**heavy forte**	**170 g = 6 OZ**
650-1022	650-4022		10 x 100	6,3	1/4		
650-1023	650-4023		10 x 100	7,9	5/16		

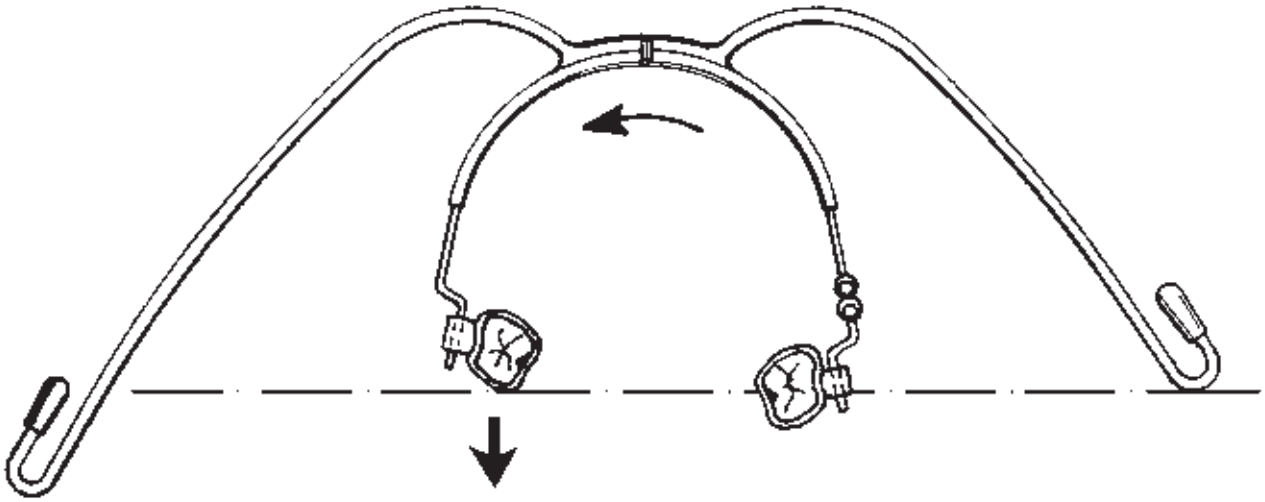
For more details see www.forestadent.com

Laser-Facebow



without cuspid hooks senza gancio per canini CE	with cuspid hooks con gancio per canini CE	plastic cap Cappuccio in plastica	inner arch arco interno	description descrizione	
601-1020	601-2020			**STANDARD-SERIE**	
601-3021	-		83 mm		
601-3022	-		90 mm		
601-3023	601-4023		97 mm	Standard-Serie with stop-loops	
601-3024	-		104 mm	Serie standard con anse	
601-3025	-		111 mm		
601-1320	-			**MINI-SERIE**	
601-3322	-		90 mm		
601-3323	-		97 mm	Mini-Serie with stop-loops	
601-3324	-		104 mm	Serie mini con anse	

Facebow-hinge and activator-tube
Cerniere per archi facciali e tubi di attivazione

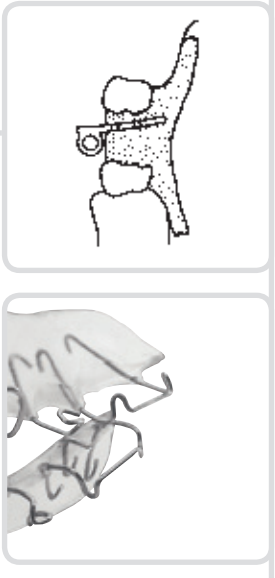


Function and construction of the asymmetrical facebow
The hinge is fitted to the inner bow of the side not to be distalized and the outer bow on this side is shortened to the position in line with the first molar. The outer bow of the side to be distalized remains in the original length. It should be remembered that during distal movement the molar could rotate in a palatal direction.

Funzione e costruzione di un arco facciale asimmetrico
La cerniera viene fissata sull'ansa interna della zona da non distalizzare mentre l'arco esterno di questo stesso lato viene accorciato a livello del primo molare. L'arco esterno della zona da distallizzare rimane della lunghezza originaria. Ricordare che durante il movimento distale il molare
potrebbe ruotare in direzione palatale.

615-0003 CE		1	**Facebow-hinge for the asymmetrical Facebow** **Cerniera per archi facciali asimmetrici**

Order No.	Type tipo	ø mm	ø inch	pieces pezzi	description descrizione
760-0060 CE		1,15	.045	10	**Activator tube** **Tubi di attivazione**
760-0061 CE		1,15	.045	10	



*acc to Prof. Sander

Bio-Low-Cervical-Pull

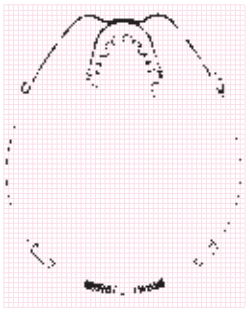
description
descrizione

Elastic springs incorporated into the low cervical pull allow equal asymmetrical continuous forces onto the molars to be distalised.

La molla superelastica Memory incorporata consente di esercitare forze costanti asimmetriche sui molari da distalizzare.

The safety stops prevent injuries.

Ganchi di sicurezza per evitare lesioni.

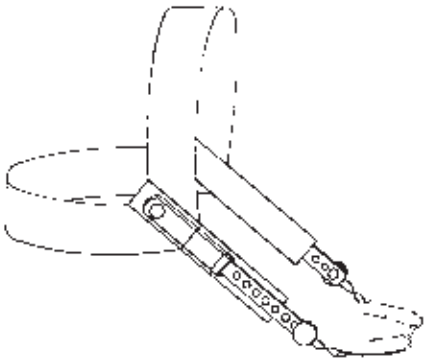
Order No.		colour colore	contents confezione
603-0106 CE		blue azul	**Set consisting of: Foam pad, traction band, coupling button, coupling spring, facebow 601-1020** **Trazione completa composta da: cuscinetto cervicale, bande di trazione, ganci, bottoni di sicurezza e arco facciale**
603-0107 CE		green verde	
603-0104 CE		blue azul	**Complete set without facebow** **Trazione cervicale senza arco facciale**
603-0105 CE		green verde	
611-1013 CE			**10 coupling buttons and 10 coupling springs** **10 bottoni e 10 ganci di sicurezza**
611-1010 CE			**10 coupling springs** **10 Ganci di sicurezza**

Bio-High-Pull

description
descrizione

Through the use of most modern springs a continuous force of about 450 g per spring is exerted and thus reduces treatment time and improves patient comfort.

Grazie all'utilizzo delle molle moderne si esercita una forza costante di 450 g. per parte riducendo i tempi di trattamento ed aumentando il confort del paziente.

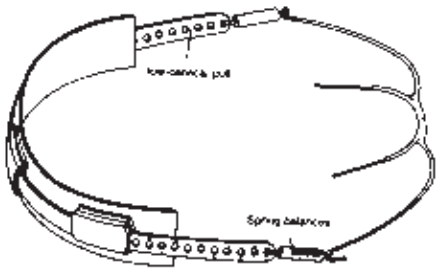
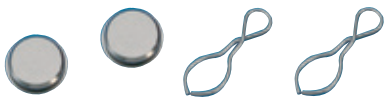
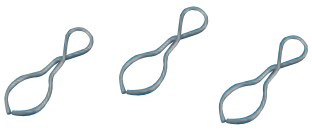
Order No.		contents confezione
606-0240 CE		**Set consisting of:** **High-Pull with traction springs, 2 coupling buttons, 2 coupling springs and facebow 601-1320** **Kit composto da: trazione alta con molle costanti, bottoni di chiusura, ganci di sicurezza e arco facciale 601-1020**
611-0240 CE		**Complete set without facebow** **Kit completo senza arco facciale**
611-1013 CE		**10 coupling buttons and 10 coupling springs** **10 bottoni e 10 ganci di sicurezza**
611-1010 CE		**10 coupling springs** **10 Ganci di sicurezza**

*Low-Cervical Pull**

description
descrizione

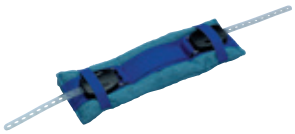
Precision-Facebow – Asymmetries and power are equalized by the sliding cervical band.

Arco facciale di precisione - l'asimmetria e la forza sono distribuite equamente sulla trazione cervicale regolabile.

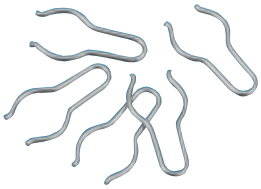
Order No.		contents confezione
603-0103 CE		**Set containing: 1 low-cervical-pull, 1 facebow with spring balances and Mobil-Stop** **Set contenente: 1 trazione cervicale, 1 arco facciale completo di Mobil-Stop**
611-0001 CE		**Low-Cervical-Pull** **Trazione cervicale**
603-5020 CE		**Face-bow prepared for spring balances** **Arco facciale preparato per la molla asimmetrica**
611-1001 CE		**1 pair of spring balances** **2 Molle di bilanciamento**
611-1013 CE		**10 coupling buttons and 10 coupling springs** **10 bottoni e 10 ganci di sicurezza**
611-1010 CE		**10 coupling springs** **10 Ganci di sicurezza**

*acc to Prof. Sander

Traction bands
Fasce di trazione cervicale

Order No.		colour colore	contents confezione	description descrizione
611-0042 CE		royalblue blu elettrico jeans-royalblue jeans-blu elettrico	1	**High-Pull with clutch** **Trazione occipitale con regolatore per fasce**
613-0010 CE		blue blu	1	**Cervical traction band with clutch** **Fascia di trazione cervicale con striscia di regolazione**
613-0012 CE			1	
613-0009 CE			10	**Clutch loose** **Regolatore per fasce di trazione**
604-0002 CE			1	**Reverse face crib** **Maschera ortodontica**
614-0001 CE			1	**High Pull headgear with chin cap** **Trazione occipitale con guida mentoniera**
614-0003 CE			1	**Vertical Pull headgear with chin cap** **Cuffia con mentoniera**

Safe-Facebow-System

Order No.		pieces pezzi	description descrizione
606-0130 CE		1	**Safe-Facebow-System** complete, consisting of facebow 601-1020, cervical traction band, coupling spring and foam pad **Arco facciale di sicurezza** completo, composto di arco facciale 601-1020, cuscinetto per la nuca con banda di trazione e sistema di chiusura
611-0025 CE		1	**Complete set without facebow** **Kit senza arco facciale**
613-0001 CE		10	**Foam pads for traction bands** **Fasce di trazione**
612-0003 CE		10	**Traction bands** **Bande di trazione**
611-1009 CE		5	**Coupling springs** **Ganci di chiusura**

Cortical anchorage
Ancoraggio corticale

ORTHO*easy*®

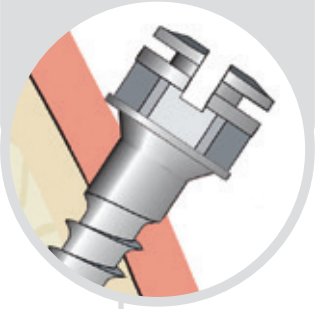
The intelligent concept of the new generation from one source.
La nuova generazione intelligente integrata in un concetto sperimentato.

An innovative head and three colour coded lengths for all of your orthodontic anchorage needs.

Una testa innovativa e 3 diverse lunghezze con codice-colore per risolvere i Vostri problemi di ancoraggio ortodontico.

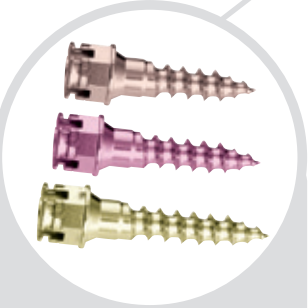
Transgingival conic screw neck for sealing the gingiva against infections.

Collo della vite transgengivale a sezione conica per isolare la mucosa dagli agenti esterni.



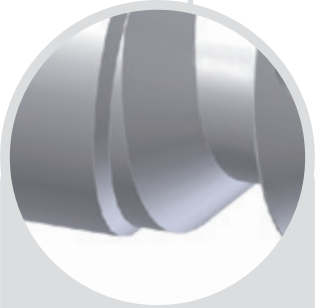
The new design of the thread peak offers safe and easy passage through the gingiva and corticalis.

Il nuovo disegno dell'estremità della filettatura offre un inserimento semplice e sicuro attraverso gengiva e corticale.



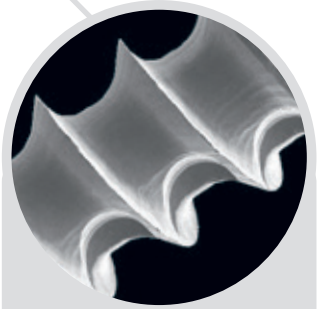
Encoding of the length by anodising the surface.
(Rosé: 6 mm, Pink: 8 mm, Gold: 10 mm)

Codice colore indelebile per l'individuazione delle lunghezze (arancio: 6 mm, rosa, 8 mm, oro, 10 mm).



Compression step and depth stop at the corticalis for higher stability through mechanical compaction of the bone.

Passo a compressione variabile e stop di profondità alla corticale per maggiore stabilità da serraggio meccanico.



Shark like cuts make a new pitch at every single winding step.

La filettatura a pinna di squalo garantisce progressione a passo costante senza dannose compressioni.

Details of the OrthoEasy Pins at a glance

Feature	Advantage
Self-cutting and self-drilling pins	Straight forward insertion
Stable, almost blunt cone end	Makes drilling into a surrounded root of a tooth more difficult
Pilot drilling	Only in textually compact areas necessary (e.g. anterior lower jaw)
Shark like cuts	Easy insertion with low torsional moment, reduced bone pressure, better primary stability
Compression step and depth stop	Better primary stability
Middle sized thread diameter of 1.6 mm (max. 1.7 mm)	Applicable for crowded areas
Transgingival conic screw neck	Corresponds to the average thickness of the gingiva
All-purpose head in well-known bracket design with double cross slot .022" x .025"	Manifold linking potential, flush insertion of two rectangular arch wires applicable
Octangular head	Helps to locate the slot-position from the outside providing easy orientation and insertion
Laser marking at the blade	Control of the slot position while inserting
Reduced vertical height of the head	High patient comfort
Only 3 versions due to long-term clinical experience	Minimise stock levels and complexity
Colour coded anodising of the surface	Higher primary stability and better visual differentiation of the 3 sizes
Titanium alloy grade 5 (Ti-6 Al-4V)	Bio-compatible implant material

Uno sguardo alle caratteristiche delle viti OrthoEasy

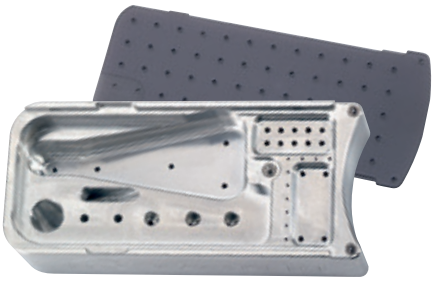
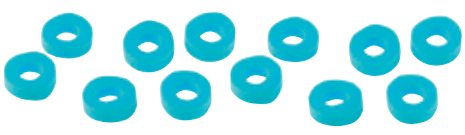
Caratteristica	Vantaggi
Viti autofilettanti e autoguidanti	Inserimento facile e immediato
Punta conica semi-smussata e stabile	Riduce il rischio di danneggiare la radice
Foro pilota	Necessario solo in presenza di tessuti molto densi (es. parte anteriore della mandibola)
Profilo della filettatura a pinna di squalo	Facile inserimento con basso momento di torsione, minore pressione sull'osso, elevata stabilità primaria
Passo a compressione variabile e stop di profondità	Migliore stabilità primaria
Diametro della filettatura di valore medio 1,6 mm (massimo 1,7 mm)	Inserzione anche in presenza di affollamenti
Collo a sezione conica	Corrisponde allo spessore medio della gengiva
Testa universale a forma di bracket con doppio slot incrociato .022" x .025"	Svariate potenzialità di collegamento, con possibilità di inserimento a cascata di 2 archi rettangolari
Testa ottagonale	Facilità di inserimento e controllo della posizione dello slot
Attacco con marcatore di slot	Controllo della posizione dello slot in fase di inserzione
Testa a basso spessore	Massimo confort del paziente
Solo 3 lunghezze, evidence based	Semplicità e scorte ridotte
Superficie anodizzata in Titanio in codice colore	Migliore stabilità primaria e differenziazione visiva delle 3 misure
Lega di Titanio grado 5 (Ti-6 Al-4V)	Lega implantologica biocompatibile

Ortho Easy Pin – 6 mm	Size Misura	Content Pezzi	Order-no. codice
CE 0297	6 x 1,7 mm Slot .022"	5	1101A2306

Ortho Easy Pin – 8 mm	Size Misura	Content pezzi	Order-no. codice
CE 0297	8 x 1,7 mm Slot .022"	5	1101A2308

Ortho Easy Pin – 10 mm	Size Misura	Content pezzi	Order-no. codice
CE 0297	10 x 1,7 mm Slot .022"	5	1101A2310

ORTHOeasy® System

	Description Descrizione	Content Contente	Order-no.
	**OrthoEasy-Rack** (without instruments and screws), for implants and instruments Ortho-Easy **Portastrumenti OrthoEasy** (vuoto), per miniviti e strumenti OrthoEasy	1	1199-0000
CE	**OrthoEasy handle for screw driver,** standard size **Manico per avvitatore OrthoEasy,** standard	1	1199-0002
CE	**OrthoEasy short blade 10 mm** – Octagonal for screwdriver **Inserto per avvitatore OrthoEasy corto 10 mm** – ottagonale	1	1199-0006
	OrthoEasy long blade 45 mm – Octagonal for screwdriver **Inserto per avvitatore OrthoEasy lungo 45 mm** – ottagonale	1	1199-0015
	OrthoEasy blade 5 mm – Octagonal for angled hand piece **Inserto per manipolo contrangolo corto 5 mm** – ottagonale	1	1199-0007
	OrthoEasy blade 10 mm – Octagonal for angled hand piece **Inserto per manipolo contrangolo corto 10 mm** – ottagonale	1	1199-0008
CE 0297	**OrthoEasy pilot drill** 1 mm x 4 mm **Fresa pilota OrthoEasy** 1 mm x 4 mm	1	1199-1040
 CE 0297	**Ortho smooth rubber rings** as protection against irritations of the soft-tissue **Anelli in gomma** anti-irritazione delle mucose	1000	657-0002

	Description Descrizione		Content Contente	Order-no.
CE 0297	**X-ray pin** for marking the insertion point at control X-ray **Pin radiopachi** per controllo ai raggi X del sito di inserzione		20	1099-8000
CE 0297	**Memory Titanol®-spring** for molar-uprighting **Molle per il raddrizzamento** dei molari - Memory Titanol®	.018" x .025" (Slot .022")	10	307-1012
		.016" x .022" (Slot .018")		307-1010
		.016" x .016" (for additional slot of Quick brackets) (per slot ausiliario dei Quick bracket)		307-1009
CE 0297	**Cross-tubes,** Slot .018" **Tubi incrociati,** Slot .018"		10	760-0062
	Cross-tubes, Slot .022" **Tubi incrociati,** Slot .022"			760-0063
CE 0297	**Power-Arm** .018"		10	307-1060
	Power-Arm .022"			307-1065
CE 0297	**Space Jet**		2	307-1070
	Laboratory-Abutment **Pilastri da laboratorio**	Undercut for ligation Con sottosquadri per legature CE 0297	10	307-1061
		Without undercut, just for imprint Senza sottosquadri, solo per impronta CE		307-1062

Expansions Screws, laboratory supplies and Class II + III Appliances

Viti di espansione, prodotti per laboratorio e dispositivi di Classe II e III

Index
Indice

8.3 Snap Lock Expander – the key to efficient and safe expansion.
Snap Lock Expander – La chiave per un'espansione sicura ed efficiente

8.4 Palatal split screws
Viti per disgiunzione della sutura palatale

8.6 Memory expansion screw for the Bite Jumping Appliance
Viti Memory ad espansione per saltamorso

8.7 Memory transversal expansion screws, Memory screws
Vite Memory ad espansione trasversale, Vite Memory

8.8 Universal stainless steel expansion screws
Vite universale ad espansione in acciaio inossidabile

8.9 Skeletal sector screws
Viti settorali

8.10 Multi-sector screws
Viti multisettore

8.11 Traction and compression screws
Vite per trazione e compressione

8.12 Diastema screw - retractor screw
Vite per diastemi - per retrazione

8.13 Screws for individual tooth movements
Microviti per movimenti di denti singoli

8.15 Micro screws
Microviti

8.16 Special screws
Viti speciali

8.17 Expansion screws for the Bite Jumping Appliance
Viti ad espansione per apparecchi saltamorso

8.17 Expansion screw for a class III double plate
Viti ad espansione per le terze classi

8.18 Bite Jumping Screw for the modified Twin Block appliance
Bite Jumping Screw – vite saltamorso per Twin Block modificato

8.19 Frog Appliance – the Simplified Molar Distalizer
Ranocchio (Frog) – distalizzatore semplificato per molari

8.20 Functional Mandibular Advancer (FMA)*

8.21 Easy Fit-Jumper – Class II treatment made easy and reliable!
Easy Fit-Jumper – terapia delle II Classi semplice ed affidabile.

8.22 The Williams* appliance for Class II treatment
Dispositivo di Williams* per la terapia delle II classi

8.23 Dynamax-Appliance – for rapid correction of the Skeletal II malocclusion
Dispositivo Dynamax – rapida correzione delle II classi scheletriche

8.24 Appliance for advancement of the mandible
Cerniera di avanzamento della mandibola

8.25 Forestanit® Wires and wire accessories
Forestanit® Fili e accessori preformati

8.28 Forestacryl® Concentrates for colouring
Forestacryl® Super colori concentrati

8.31 Happy Design inlay pictures
Personalizzazioni

8.33 TRACK thermoforming foils
TRACK – dischi termoformabili

8.34 TRACK-V vacuum Thermoforming unit and auxilliaries
TRACK-V – termostampante a vuoto ed accessori

8.35 Auxillaries
Accessori

8.37 Accessories
Accessori

Snap Lock Expander – The key to efficient and safe expansion.
Snap Lock Expander – La chiave per un'espansione sicura ed efficiente

Info
N° 163

1. The Snap Lock Expander does not turn back unless the doctor or patient turns it back. After the activation of the spindle (Fig. 1), the flat spring snaps in (Fig 2).
2. When the Snap Lock Expander is properly activated by 1/4 turn, both the patient and doctor will be able to feel the screw lock.
3. The hole in the spindle is always in the right place for reactivation
4. If overactivated the Snap Lock Expander can be turned back

1. Snap Lock Expander si svita solo se necessario. Dopo l'attivazione (Fig. 1), la molla blocca la vite (Fig. 2)
2. quando Snap Lock Expander è correttamente attivato di ¼ di giro, medico e paziente sentiranno chiaramente la vite bloccarsi
3. il foro nella vite di attivazione è sempre nella giusta posizione;
4. è sempre possibile correggere una eventuale sovra-attivazione.

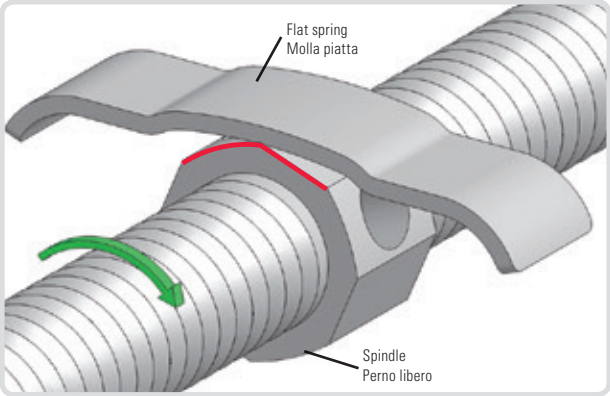


Fig 1: Activation in progress (Spring under tension)

Fig 1: Attivazione in corso (la molla è sotto tensione)

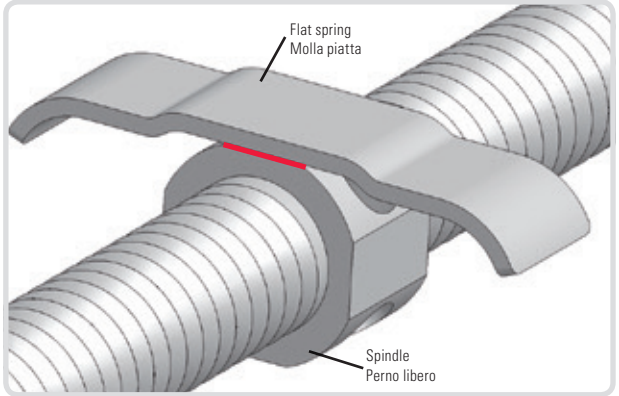


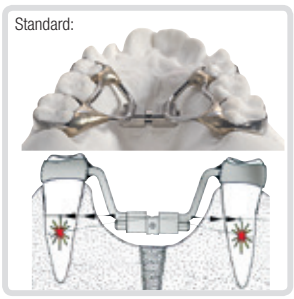
Fig 2: Start and final position, ready for reactivation (Spring in locked position). The spring pushes the excentric spindle. This makes the spindle snap into an ideal position for reactivation and locks it.

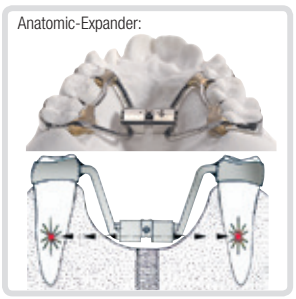
Fig 2: Posizione di riposo, pronto per la riattivazione (la molla è bloccata). La molla blocca la vite, che si presenterà nella posizione ideale per la successiva attivazione.

Order No. CE 0297		expansion espansione	dimensions dimensioni	piece pezzi	description descrizione
A167-1239*	0,9	8 mm	12 mm	5	**Snap-Lock-Expander**
A167-1439*		10 mm	14 mm	5	
A167-1639*		12 mm	16 mm	5	
A169-1239*		8 mm	12 mm	5	**Snap-Lock-Expander** Without retention arms Espansore Snap-Lock senza bracci
A169-1439*		10 mm	14 mm	5	
A169-1639*		12 mm	16 mm	5	

**protected against falling apart / **Non si apre a fine corsa

Palatal split screws
Viti per disgiunzione della sutura palatale

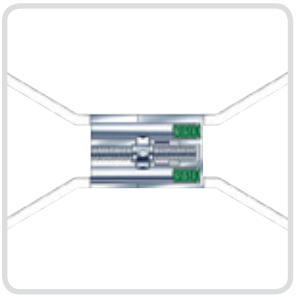


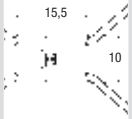
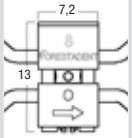


Order No. INOX CE 0297	type tipo	expansion espansione	dimensions dimensioni	piece pezzi	description descrizione
167-1326	 acc. to Dr. Elbel	10 mm 0,8	❮ 13 mm ❯	5	**Palatal split screw type 'S'** for especially narrow palates **Espansore tipo 'S'** Per palati molto piccoli
A167-1326*		10 mm 0,8	❮ 14 mm ❯	5	**Anatomic-Expander type 'S'** can be placed closer to the palate **Anatomic-Expander tipo 'S'** posizionabile praticamente sul palato
167-1323	 acc. to Dr. Elbel	10 mm 0,8	❮ 13 mm ❯	5	**Palatal split screw type 'S'** for especially narrow palates **Espansore tipo 'S'** per palati piccoli
169-1323		10 mm 0,8	❮ 13 mm ❯	5	
167-1633*		12 mm 0,9	❮ 15,5 mm ❯		**Palatal split screw type 'N',** 2nd generation „Sunshine" Screw designed to avoid disintegration at full expansion. Spindle designed to eliminate screw turning back **Espansore palatale tipo 'N'** di II generazione "Sunshine" progettato per evitare la completa apertura della vite a fi ne corsa. Il freno di blocco impedisce il ritorno della vite.
A167-1633*		12 mm 0,9	❮ 15,5 mm ❯		**Anatomic-Expander type 'N',** follows the human anatomy better than ordinary rapid palatal expanders (RPE) **Anatomic-Expander tipo 'N',** con forma anatomica ben posizionabile vicino alla volta palatale

** protectet against dropping apart / **Non si apre a fine corsa

Memory palatal expansion screw
Vite Memory per espansione palatale

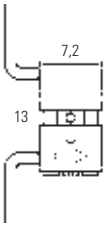


Order No. INOX	type tipo	expansion espansione	dimensions dimensioni	piece pezzi	description descrizione
167M1529 CE 0297		10 mm 0,8 mm		5	**Memory Expander type / tipo 'N'** Faster and more comfortable expansion of the mid-palatal suture by usage of modern super-elastic materials. Spring expansion: 1 mm / Spring force: approx. 8 N (800 g) Espansione della sutura palatale in maniera più veloce e confortevole mediante l'impiego dei moderni materiali superelastici. Espansione: 1 mm Forza: circa 8N (800g)
A167M1326 CE 0297		8 mm 0,7 mm		5	**Memory Anatomic-Expander type / tipo 'S'** Faster and more comfortable expansion of the mid-palatal suture by usage of modern super-elastic materials. Spring expansion: 1 mm / Spring force: approx. 5 N (500 g) Espansione della sutura palatale in maniera più veloce e confortevole mediante l'impiego dei moderni materiali superelastici. Espansione: 1 mm Forza: circa 5 N (500 g)
198-1223 198-1623 CE 0297		8 mm 0,8 12 mm	12 mm 16 mm	5	**Slim-Line-Expander** for lower jaws **Slim-Line-Expander** per arcate inferiori
501-0709				1	**Pliers** for the palatal split screw type 'S' **Pinza** per espansori palatali Tipo 'S'
100-0009 CE				1	**Key** for palatal split screws **Chiave** per attivazione.

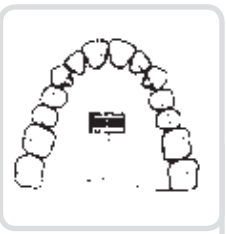
*Memory expansion screw for the Bite Jumping Appliance**
*Viti Memory ad espansione per saltamorso**

Order No. INOX	type tipo	expansion espansione	spring extension estensione della molla	piece pezzi	description descrizione
169M1343 CE		5,0 0,7 OK Max.	0,8 mm	5	The **maxillary expansion screw** with Memory Spring achieves transversal expansion three times quicker than conventional expansion screws. Force: about 500 g **L'introduzione della vite Memory** nel saltamorso permette di abbreviare i tempi di trattamento. Si ottiene l'espansione tre volte piu velocemente che con l'utilizzo di una vite d'espansione tradizionale. Forza circa 500 g
100M2016 CE		5,0 0,7 UK Mand.	0,8 mm	5	**Memory mandibular expansion screw** with holder and mounting pattern for the adjustment of the incline, force: about 500 g **Viti Memory per espansione mandibolare** con supporto e piastra di montaggio per la regolazione dell'inclinazione, forza circa 500 g

*acc. to Prof. Dr. F. G. Sander

Order No.	type tipo	expansion espansione	dimensions dimensioni	piece pezzi	description descrizione
168M1326 CE 0297	 7 6 | 6 7 7 6 | 6 7	8 mm 0,7 mm	 7,2 13	1	**Memory Single-Molardistalizer,** fixed non rimovibile

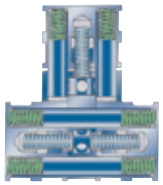
Memory transversal expansion screws
Viti Memory ad espansione trasversale



Order No. INOX	type tipo	expansion espansione	spring extension estensione della molla	dimensions dimensioni	piece pezzi	description descrizione
100M2015 CE		5 mm 0,7	0,8 mm		10	**Memory mid line expansion screw** for upper and lower jaws, 2. generation, force: approx. 500 g **Vite ad espansione trasversale Memory** per mascella e mandibola 2. generazione, forza: circa 500 g

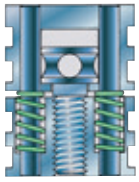
Memory three dimensional expansion screw Bertoni
Memory Bertoni 3D

INOX						
165M1413 CE		0,4 3 3 mm 3 0,8	0,8 0,8 mm 0,8 0,8		5	**Memory three dimensional expansion screw** transversal expansion and simultaneous protrusion of the max. anterior segment. Force: about 500 g **Memory Bertoni 3D.** per la simultanea espansione trasversale e protrusione del segmento anteriore superiore. Forza circa 500 g.

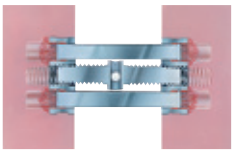


Memory protrusion screw
Viti di protrusione Memory

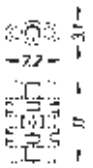
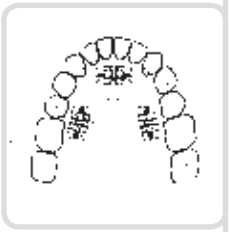
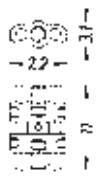
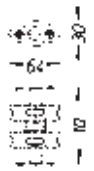
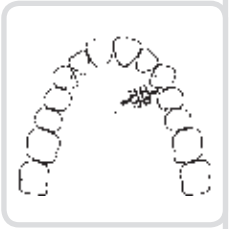
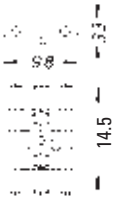
Order No. INOX	type tipo	expansion espansione	dimensions dimensioni	pieces pezzi	description descrizione
179M0718 CE		2,5 mm 0,3		10	The **memory-protrusion screw** serves for single tooth movements. The permanent positive biological force about 90 g is achieved through two superelastic springs over a distance of 0,7 mm. La **vite di protrusione Memory** è utilizzata per il movimento del singolo dente. La forza positivapermanente di 90 g. è ottenuta con due molle superelastiche che operano su una distanza di 0,7 mm.



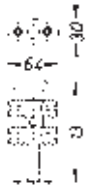
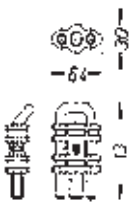
Universal stainless steel expansion screws
Vite universale ad espansione in acciaio inossidabile

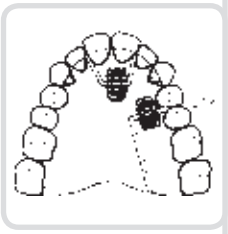


Integrated
mechanical
compression unit

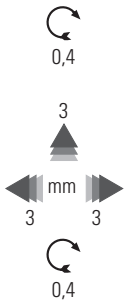
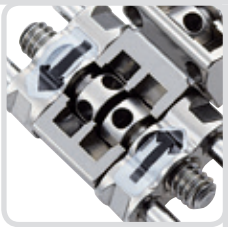
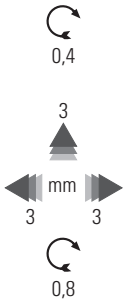
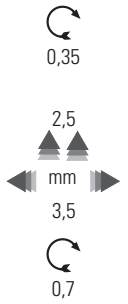
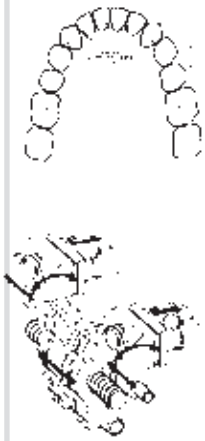
Order No.	type tipo	expansion espansione	dimensions dimensioni	pieces pezzi	description descrizione
INOX 100-2000 CE		7 0,8		10	Universal use for upper and lower jaws for transversal and distal expansion Vite universale ad espansione trasversale e distale per arcate superiori ed inferiori. 
100T2000 CE		7 0,8		10	Universal expansion screw as 100-2000 made of titanium Come la 100-2000 ma in titanio
INOX 130-2000 CE		5 0,7		10	For upper and lower jaws with small proportions, also very suitable as a sector screw Per arcate superiori e inferiori di piccole dimensioni. Particolarmente indicata come vite settoriale 
INOX 150-2000 CE		7 0,8		10	For stable upper jaw plates, also activators Per placche superiori, inferiori ed attivatori
INOX 150-2011 CE		11 0,8		10	Larger version of 150-2000 with expansion of 11 mm Come la 150-2000 ma più grande e con espansione di 11 mm

Skeletal sector screws
Viti settorali

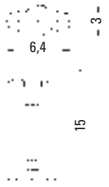
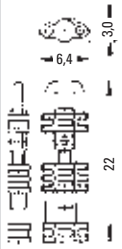
Order No. INOX	type tipo	expansion spansione	dimensions dimensioni	pieces pezzi	description descrizione
134-1315 CE		5 0,35		10	**Skeletal sector screws** can also be used as distal screws with unilateral spindle. Available either with angled or straight pin. **Vite monolaterali** utilizzabili anche come viti distali. Disponibili con perno diritto o angolato.
134-1316 CE		5 0,35		10	
134-1314 CE		5 0,35		10	
134-1014 CE		3 0,35		10	**Skeletal sector screws** especially short version **Microviti monolaterali**
134-1016 CE		3 0,35		10	



Multi-sector screws
Viti multisettore

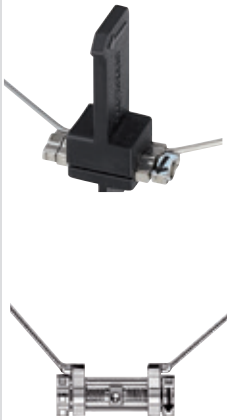
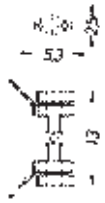
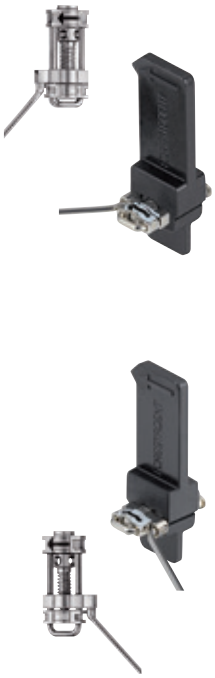
Order No. INOX CE	type tipo	expansion espansione	dimensions dimensioni	piece pezzi	description descrizione
165-1312	 		❮ 13 mm ❯	5	**Bertoni three dimensional expansion screw** is a combined transversal and protrusion screw for Y-plates. **Vite di espansione tridirezionale Bertoni** con attivazione a tre punti. 
165-1412			❮ 13 mm ❯	5	**Bertoni three dimensional expansion screw** for 2 symmetrical transversal movements. **Vite ad espansione bidirezionale** per 2 movimenti trasversale simmetrici
136-1711			❮ 17 mm ❯	5	**Beutelspacher three dimensional expansion screw** The arrangement of offset levels enables transverse expansion and protrusive movement to be carried out simultaneously in the lower jaw. **Vite Beutelspacher di espansione tridimensionale.** Consente che l'azione di espansione trasversale e di protrusionevengano svolte separatamente nell'arcata inferiore. 

Traction and compression screws
Viti per trazione e compressione

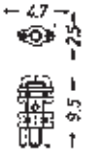
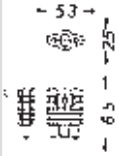
Order No. INOX	type tipo	expansion espansione	dimensions dimensioni	pieces pezzi	description descrizione
139-1311 CE		4 0,35		10	**Compact traction screw** for closing spaces. **Vite per trazione compatta** per la chiusura degli spazi
139-2215 CE		4,5 0,35		10	The **combined traction and compression screw according to Heller** is used for sagittal movement. **Vite per trazione e compressione** E'utilizzata per movimenti sagittali
139-2615 CE		2 x 4,5 0,35		5	**Traction and compression screw*** is used for closing spaces in the lateral region of the upper and lower jaws by reciprocal movement of the two adjacent teeth into the free space. **Vite per trazione e compressione** Viene utilizzata per chiudere gli spazi nei settori laterali dell'arcata superiore e inferiore con il movimento coordinato dei due denti adiacenti verso lo spazio libero

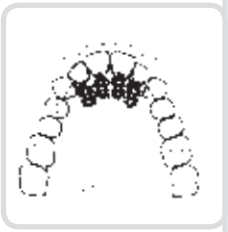
*acc. to/secondo Nardella

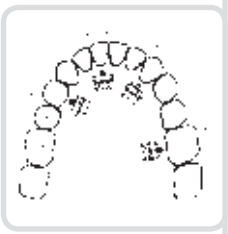
Diastema screw – retractor screw
Vite per diastemi – per retrazione

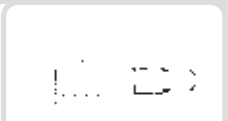
Order No. INOX	type tipo	expansion espansione	dimensions dimensioni	pieces pezzi	description descrizione
175-1318 CE		5,5 0,7		5	**Diastema screw** Double guided torsion stable micro screw for the closure of diastemas and space closure in the lateral region. **Vite per diastema** Microvite stabilizzata a doppia guida per la chiusura di diastemi e di spazi nei settori laterali.
179-1117 left 179-1119 right CE		3,0 0,35		5	**Retractor screw** Double guided torsion stable micro screw for space closure in the lateral region and distal movement of the cuspids. **Vite per diastema** Microvite stabilizzata a doppia guida per la chiusura degli spazi dei settori laterali e per movimenti distali dei canini.

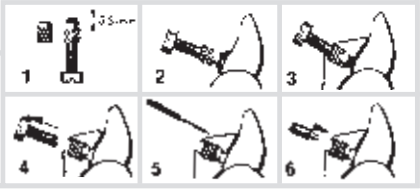
Screws for individual tooth movements
Microviti per movimenti di denti singoli

Order No. INOX	type tipo	expansion espansione	dimensions dimensioni	pieces pezzi	description descrizione
179-1017 CE		3,0 0,35		10	**Micro protrusion screw** for movement of individual teeth in the maxillar **Microvite di protrusione** per il movimento di un singolo dente.
179-0618 CE		2,5 0,35		10	**Inti micro protrusion screw** applicable for lateral and incisor teeth, especially in the mandible **Inti-micro vite di protrusione** per incisivi e laterali,in particolare per le arcate inferiori.
179-0617 CE		2,5 0,35		10	
109-0410 CE			4 mm	5	**Piston spring screws** **Microviti a molla**
109-0610 CE			6 mm	5	
100-0003			12 mm	5	**Positioning holding screws** **Viti di posizionamento**
100-0004* CE			3 mm	10	**Serrated housing nuts** **Bussola**
100-0008 CE			3 mm	5	**Plain sleeves with welded spring wire** **Guida con filo a molla saldato**
100-0006*				1	**Screw driver** **Giravite**
100-0007*				1	**Reamer** **Maschiatore**



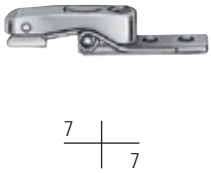
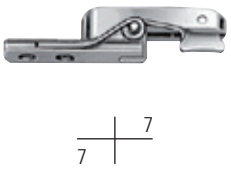






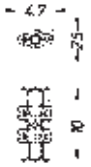
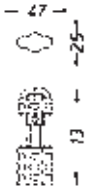
*no INOX

Screws for individual tooth movements
Viti per movimenti di denti singoli

Order No.	type tipo	expansion espansione	pieces pezzi	description descrizione
INOX 109-1621 CE		0,5	5	**Lever activating screw** to upright tilted molars **Vite a leva** par il raddrizzamento dei molari inclinati
INOX 109-1622 CE		0,5	5	

INOX 109-0600 CE		5	**Rotations Screw** for physical movement with removable appliances **Vite di rotazione** per movimenti corporei dei denti con apparecchi rimuovibili
100-0020		1	**Star screw driver** By aligning a star point onto the appliance and turning to the next star point the screw will be activated by 0,2 mm. **Giravite a stella** Allineando una delle punte sull'apparecchio e ruotando fino alla punta successiva la vite viene attivata per 0,2 mm.

Micro screws
Microviti

Order No. INOX	type tipo	expansion espansione	dimensions dimensioni	pieces pezzi	description descrizione
170-1118 CE		3,0 0,7		10	**Micro expansion screw double guided** suitable for removable appliance where there is minimum sulcus in the lower arch **Microvite ad espansione bilaterale** indicata quando lo spazio nell'arcata inferiore è molto piccolo.
174-1217 CE		4,0 0,35		10	**Skeleton type micro sector screw** also applicable as distal screw where there is restricted space **Microvite monolaterale con guida diritta utilizzabile** anche come vite distale in presenza di spazi ristretti.
179-1317 CE		3,0 0,35		10	**Micro traction screw** for mesial and distal movements where there is restricted space **Microvite di trazione** per movimenti distali e mesiali

Special screws
Viti speciali

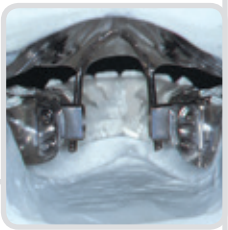
INOX	type tipo	expansion espansione	pieces pezzi	description descrizione
105-1310 CE		8,0 0,7	10	**Fan type expansion screw** for fan like opening, screw hinged distally to increase the intercanine width. **Vite a ventaglio per l'espansione superiore** in modo simmetrico (laterale/sagittale vestibolare).
105-1320 CE		8,0 0,8	10	**Fan type expansion screw** hinge and screw supplied as two separate components, allows for intercanine or buccal expansion. Plate sections are opened up fan-like. **Vite a ventaglio** in due parti per l'aperatura della parte anteriore del mascellare. La placca si apre a ventaglio (perno e vite fornite separatamente).
106-2020 CE		5,0 0,8	10	**Mandibular bow type expansion screw** Special screw for transversal and sagittal expansion of anterior mandibular arch. **Vite d'espansione ad arco per mandibola** Vite speciale per le espansioni trasversali e sagittali delle arcate inferiori

Expansion screws for the Bite Jumping Appliance
Viti ad espansione per apparecchi saltamorso

Order No. INOX	type tipo	expansion espansione	piece pezzi	description descrizione
169-1325* CE		7,0 0,8 Max.	5	**Maxillary expansion screw** **Vite per espansione mascellare superiore**
100-2001 CE		7,0 0,8 Mand.	5	**Mandibular expansion screw** with holder and mounting pattern for the adjustment of the incline **Vite per espansione mandibolare** con supporto e dispositivo di montaggio per la modifica dell'inclinazione

*Expansion screws for a class III double plate**
*Viti ad espansione per le terze classi**

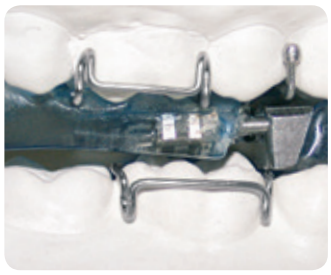
Order No. INOX	type tipo	expansion espansione	pieces pezzi	description descrizione
169-2622 CE	 	6,0 0,4	2 screws and 2 guards 2 viti e 2 guide	The **class III double plate** will encourage a retrusive movement of the mandible. **Vite per le III classi** predispone il movimento retrusivo della mandibola in una terza classe.
100-0014			1 pair 1 accop.	**Mounting template** **Piastra di montaggio**

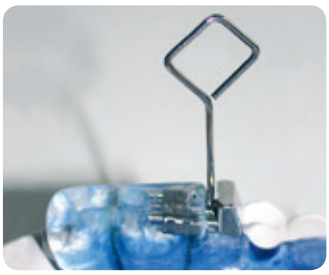


*acc. to Prof. Dr. F. G. Sander

Bite Jumping Screw for the modified Twin Block appliance*
Bite Jumping Screw – vite saltamorso per Twin Block modificato*

Info
Nº 170





Bite jumping screw* – progressive Overjet Reduction for the modified Twin Block appliance.

The Twin Block appliance by Dr. William Clark is one of the most popular functional appliances for Class II, division 1 malocclusion treatment. Standard Twin Block appliances however can only be reactivated by a time consuming procedure.

An easy and safe chair side reactivation of as much as 6 mm can be achieved by incorporating this solid stainless steel screw into the appliance. Chair side reactivations provide minimal inconvenience to staff and patient.

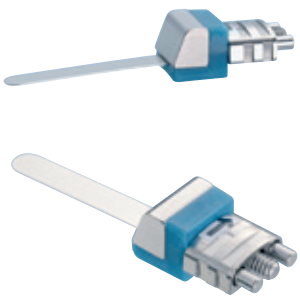
This modification allows a progressive advancement of the bite, providing a greater orthopaedic effect with less incisor tilting in Class II, division 1 cases. Progressive advancement of the mandible helps to reduce tension in the craniomandibular muscles, therefore improving patient comfort and compliance.

Vite saltamorso per Twin Block modificato.

Vite saltamorso per Twin Block modificato – per la riduzione progressiva dell'overjet. Il Twin Block, ideato dal dr William Clark, è uno dei più apprezzati dispositivi funzionali per il trattamento delle malocclusioni di Classe II Divisione I.

La riattivazione dei Twin Block tradizionali richiede molto tempo. Questa robusta vite in acciaio, inserita nel dispositivo, permette una riattivazione alla poltrona fino a 6mm, a vantaggio di medico e paziente.

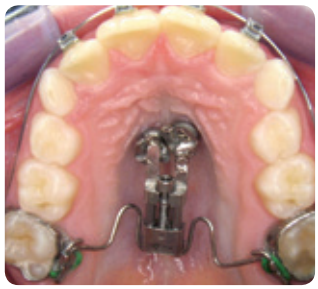
I Twin Block modificato determina un avanzamento progressivo del morso, con maggiore efficacia ortopedica e con minore avanzamento degli incisivi nei casi di Classe II Divisione I. Il progressivo avanzamento mandibolare aiuta a ridurre la tensione muscolare cranio-mandibolare, migliorando quindi confort e compliance del paziente.

Order No.		expansion espansione	piece pezzi	description descrizione
199-2622 CE		6,0 0,4 mm	2	**Bite Jumping Screw**

*acc. to/secondo Dr. Marc Geserick

*Frog Appliance – the Simplified Molar Distalizer**
Ranocchio (Frog) – distalizzatore semplificato per molari.

Info
N° 177



The Frog Appliance

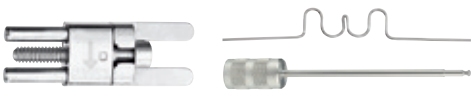
Distalizing maxillary first molars is often an objective in treatment plans involving Class II malocclusions and it is sometimes indicated for non-extraction treatments with maxillary crowding.

The Frog appliance offers outstanding molar distalization without crown or root tipping.The assembling and activation of the Frog is easy. Even the spring is easily removed and adjusted. The appliance is easily activated from the anterior by simply turning the screw counter clockwise.

Ranocchio (Frog) – distalizzatore semplificato per molari

La distalizzazione dei primi molari superiori è spesso un obiettivo nei piani di trattamento delle malocclusioni di Classe II ed è indicata anche per il trattamento non estrattivo dell'affollamento superiore.

Il dispositivo Ranocchio – Frog permette la distalizzazione dei molari senza movimenti indesiderati di corona e radice. E' semplice da allestire e da attivare. La molla si inserisce, disinserisce e riattiva facilmente. Il dispositivo si attiva facilmente dal lato anteriore girando in senso orario la chiave di attivazione.

Order No. CE 0297		expansion espansione	description descrizione
169-1000		8,0 0,4 mm	**FROG-appliance – kit for 1 patient,** 1 screw, 1 preformed spring, 1 screwdriver, 1 laboratory and delivery instruction **Ranocchio – Kit mono paziente,** 1 vite, 1 molla preformata, 1 giravite, 1 foglio illustrativo per laboratorio e paziente
169-5000		8,0 0,4 mm	**FROG-appliance – kit for 5 patients** without screwdriver 5 screws, 5 preformed springs, 1 laboratory and delivery instruction **Ranocchio – Kit per 5 pazienti** senza giravite, 5 viti, 5 molle preformate, 1 foglio illustrativo per laboratorio e paziente
169-1523		8,0 0,4 mm	**Screw for FROG-appliance** (1 piece) **Vite per Ranocchio** (1 pezzo)
307-1523			**Preformed spring for FROG-appliance** (5 pcs.) **Molle preformate per Ranocchio** (5 pezzi.)
100-1523 CE			**Screwdrivers for FROG-appliance** (5 pcs.) **Giravite per Ranocchio** (5 pezzi.)

*acc. to Dr. Kevin Walde/secondo Dr. Kevin Walde U.S. Patent #US 6,435,870

*Functional Mandibular Advancer (FMA)**

Info
N° 181

Correction of class II malocclusions - independent on patient compliance
Dispositivo per la correzione delle malocclusioni di II classe – senza collaborazione del paziente

Functional Mandibular Advancer (FMA)

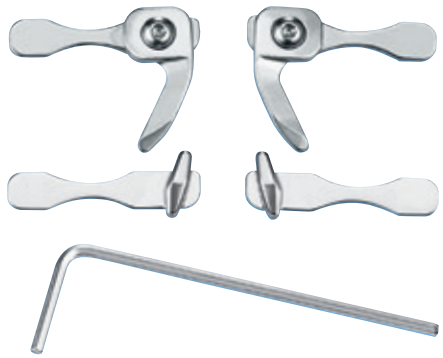
The Functional Mandibular Advancer (FMA) is a novel, rigid, fixed appliance for corrections of class II malocclusions independent on patient compliance.

Main features of this alternative Herbst appliance are protrusive bars and inclined planes which are fitted on the vestibular side to casted splints or assembled bands. As a retention appliance the modules of the FMA can be fixed on the vestibular side to thermoforming foils.

Functional Mandibular Advancer (FMA)

L'FMA – Functional Mandibular Advancer, è un nuovo dispositivo fisso per la correzione delle malocclusioni di II classe che non richiede la collaborazione del paziente.

Le principali caratteristiche di questo dispositivo alternativo all'Herbst sono le zanche di avanzamento ed i piani inclinati, montati vestibolarmente su fusioni o bande. Come dispositivo di ritenzione, FMA si può montare su dischetti termoformabili Track.

Order No. CE 0297		piece pezzi	description descrizione
330-0100		1 Kit	**FMA - Functional Mandibular Advancer**

*invented by/secondo Prof. Dr. G. Kinzinger, Dr. J. Ostheimer

Easy-Fit® Jumper

Info
Nº 179

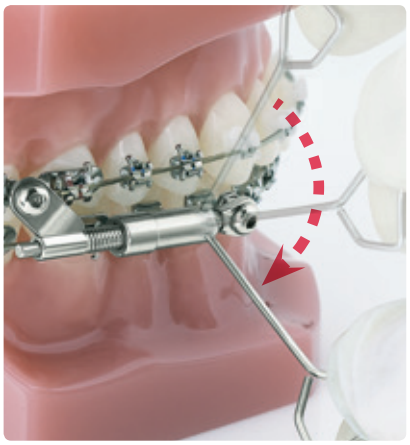
A Class II appliance used in conjunction with any bracket prescription and/or archwires.
Dispositivo per la correzione delle II Classi simultanea al trattamento ortodontico fisso (in ogni prescrizione).

The Easy-Fit® Jumper is a fixed appliance, developed for the correction of Class II discrepancies in combination with a standard bracket arch wire appliance. A unique design, stepless protrusive movement capabilities and no shims increase ease and safety of Class II treatment. This Class II alternative offers numerous advantages compared to standard class II appliances. The Easy-Fit® Jumper is attached in the maxilla within the molar area and in the mandibular within the premolar area.

Easy-Fit® Jumper è un dispositivo per la correzione delle malocclusioni di Classe II da utilizzare simultaneamente ad apparecchiature fisse. Design esclusivo e azione protrusiva continua, senza necessità di inserire spessori, rendono la terapia più semplice e sicura. Una soluzione che offre parecchi vantaggi rispetto ai tradizionali dispositivi di Classe II. A differenza dell'Herbst, non è ancorato su bande o fusioni, bensì all'apparecchiatura fissa tramite connessioni "pivot".

Advantages of the Easy-Fit® Jumper*

- *Only one chairside session needed to insert the device*
- *No shims – no removal of the appliance*
- *No elaborate lab work*
- *Stepless advancement*
- *Class II correction with simultaneous bracket treatment*
- *Non-dependent on patient compliance*
- *Ideally suited for both right and left handed clinicians*
- *Asymmetrical advancement - accurate to within 1/8 mm per side*
- *No need to stock different sizes of shim*

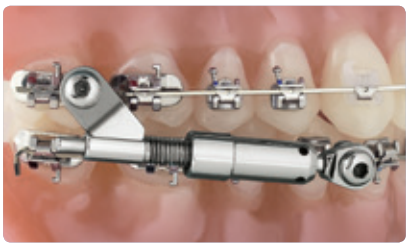


Vantaggi di Easy-Fit® Jumper*

- *Applicabile in una sola seduta alla poltrona*
- *Nessuno spessore o necessità di rimuovere il dispositivo*
- *Nessuna fase di laboratorio*
- *Avanzamento continuo*
- *Correzione della Classe II simultanea al trattamento ortodontico fisso*
- *Non richiede la collaborazione del paziente*
- *Adatto a dentisti destri e mancini*
- *Possibilità di avanzamento asimmetrico, fino ad 1/8 di mm per lato*
- *Nessuno spessore da tenere in magazzino*

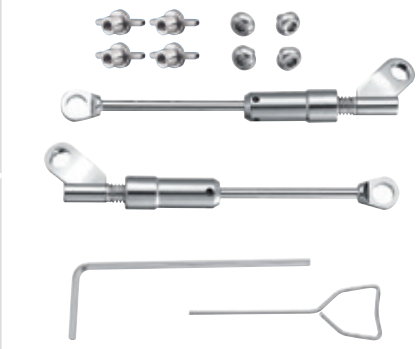
Technical data	
outer diameter:	5 mm
thread lead:	0.8 mm per full turn
activation range:	+ 6 mm
nominal size*	20 mm
distance bore centre to bore centre*	24 mm
total length*	29 mm

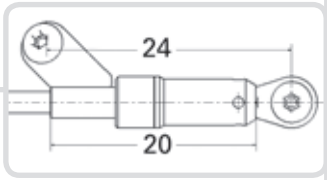
* + 6 mm activation



Dati tecnici	
Diametro esterno	5 mm
Avanzamento	0.8 mm per giro compl.
Intervallo di attivazione	+ 6 mm
Lunghezza iniziale*	20 mm
Distanza fra i centri dei fori*	24 mm
Lunghezza totale*	29 mm

* + 6 mm di attivazione

Order-No CE 0297		Content confezione	Description Descrizione
321-0118		1 patient kit	**Easy-Fit® Jumper, Slot .018"**
321-0122		1 patient kit	**Easy-Fit® Jumper, Slot .022"**



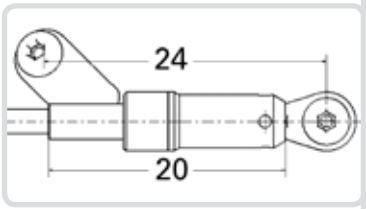
The Williams appliance for Class II treatment*
Dispositivo di Williams per la terapia delle II classi*

Technical data	
outer diameter:	5 mm
thread lead:	0.8 mm per full turn
activation range:	+ 6 mm
nominal size*	20 mm
distance bore centre to bore centre*	24 mm
total length*	29 mm

* + 6 mm activation

Dati tecnici	
Diametro esterno	5 mm
Avanzamento	0.8 mm per giro compl.
Intervallo di attivazione	+ 6 mm
Lunghezza iniziale*	20 mm
Distanza fra i centri dei fori*	24 mm
Lunghezza totale*	29 mm

* + 6 mm di attivazione

Order-No CE 0297		Content confezione	Description Descrizione
321-0100		1 patient kit	**Williams-Appliance®** **Dispositivo di Williams®** 
321-0107		1	**Guidance tube** with sleeve right **Tubo guida** con fissaggio a destra
321-0108		1	**Guidance tube** with sleeve left **Tubo guida** con fissaggio a sinistra
320-0104		10	**Inner screws** **Vite interna**
320-0105		10	**Housing nuts** **Dado**
323-0105		10	**Pivot.** Slot .018"
321-0105			**Pivot.** Slot .022"
321-0106		10	**Rods** for Williams-appliance **Aste** per dispositivo di Williams
320-0109 CE		1	**Hexagon key** **Chiave esagonale**

Dynamax™ appliance – for rapid correction of the Skeletal II malocclusion
Dispositivo Dynamax™ – rapida correzione delle II classi scheletriche

The Dynamax™-Appliance

The appliance is based around a prefabricated modular spring, built into a maxillary occlusal splint. Two integral vertical springs make contact with a fixed lingual arch. The appliance partly acts as a training device, harnessing the patient's own muscle forces. The vertical springs create an avoidance reflex and a new postural position for the mandible. The mandible is brought forward in a stepwise manner as the growth of the patient responds, approximately 2 mm every 6-8 weeks. This stimulates the maximum rate of growth of the condyle and the fossa and leads to a new skeletal position of the mandible.

Dispositivo Dynamax™

Il dispositivo si basa su una molla modulare preformata, inserita in una placca occlusale superiore. Due molle verticali scorrono su di un arco linguale tenuto in posizione fissa. Il dispositivo lavora come un rieducatore, sfruttando opportunamente la forza muscolare del paziente. Le molle verticali provocano un riflesso condizionato che porta al riposizionamento della mandibola. La mandibola avanzerà gradualmente, secondo l'accrescimento del paziente, mediamente di 2 mm ogni 6 - 8 settimane. Il movimento stimola lo sviluppo di condili e fosse, conducendo ad un equilibrio scheletrico ottimale.

Order-No CE 0297		Content confezione	Description Descrizione
316-1010		1	**prefabricated Dynamax™-spring** **Molle preformate Dynamax™**
316-1020		1 Kit	**Dynamax™-Appliance + 2 activator-tubes** **Molle preformate Dynamax™ + 2 tubi di attivazione**
760-0061		10	**Activator tubes** **Tubi di attivazione**

Appliance for advancement of the mandible
Cerniera di avanzamento della mandibola

Order No. INOX CE 0297	type tipo	pieces pezzi	description descrizione
320-0100		1 kit	Left and right hinge with guide pin and mounting accessories (4 screws, 4 nuts, 1 hexagon key) Cerniere destre e sinistre con guide ed accessori di montaggio (4 viti, 4 dadi, 1 chiave esagonale)
320-0101		10	distance ring 1 mm anelli distanziatori 1 mm
320-0102		10	distance ring 2 mm anelli distanziatori 2 mm
320-0103		10	distance ring 3 mm anelli distanziatori 3 mm
320-0104		10	inner screw 1,5 mm viti interne 1,5 mm
320-0105		10	housing nuts dadi
320-0106		10	Rods right + left guide destre + sinistre
320-0107		10	Tube right Tubo destro
320-0108		10	Tube left Tubo sinistro
320-0109 CE		1	Hexagon key Chiave esagonale

FORESTANIT®
FORESTANIT® – Ni Free

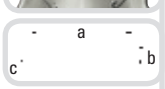
Order No. hard duro 1450-1650 N/mm2 CE 0297	Order No. spring hard duro elástico 1850-2050 N/mm2 CE 0297	ø mm	ø inch	contents contenuto	description descrizione
-	213-2050	0,50	.020	50 m	**FORESTANIT® - Super** **Laboratory coils** round **Filo in bobina grande** rotondo
-	213-2060	0,60	.023	40 m	
212-2070	213-2070	0,70	.028	30 m	
212-2080	213-2080	0,80	.031	20 m	
212-2090	213-2090	0,90	.036	10 m	
	213-2100	1,00	.039	10 m	
-	213-3060	0,60	.023	500 g	**FORESTANIT® - Super** **Clinic coils** round **Filo in bobina** rotondo
212-3070	213-3070	0,70	.028	500 g	
212-3080	213-3080	0,80	.031	500 g	
212-3090	213-3090	0,90	.036	500 g	
-	213-3100	1,00	.039	500 g	
-	213-3110	1,10	.043	500 g	
-	213-3120	1,20	.047	500 g	
-	243-2070	0,70	.028	30 m	**FORESTANIT® - Ni Free** **Laboratory coils** round, nickel free wires* **Filo in bobina** rotondo, senza nichel* * < 0,3 % Ni
-	243-2080	0,80	.031	20 m	
-	243-2090	0,90	.036	10 m	

FORESTANIT®
Precut wires – Filo pretagliato

Order No. hard duro CE 0297 1450-1650 N/mm²	Order No. spring hard duro elástico CE 0297 1850-2050 N/mm²		length largo	ø mm	ø inch	contents contenuto	use uso
212-5070*	213-5070*		75	0,70	.028	500 g	Triangular clasps Ganci triangolari
212-8070*	213-8070*		100	0,70	.028	500 g	Retainer clasps acc. to Adams Ganci di Adams
212-6070* 212-6080* -	213-6070* 213-6080* 213-6090*		150 150 150	0,70 0,80 0,90	.028 .031 .036	500 g	Labial arches Archi labiali
- - -	213-7070* 213-7080* 213-7090*		200 200 200	0,70 0,80 0,90	.028 .031 .036	500 g	Bionators Bionators

* Special lengths are supplied - minimum order quantity 5 kg per size.
Possono essere fornite nella lunghezza richiesta - ordine minimo 5 kg x misura.

FORESTANIT®
Preformed wire accessories
Ganci preformati e accessori

Order No. CE		dimensions dimensione	ø mm	ø inch	pieces pezzi	description descrizione
301-1709 301-1710		9 10	0,70	.028	100	Retainer clasps acc. to Adams Ganci di Adams
302-2702 302-2803 302-2904			0,70 0,80 0,90	.028 .032 .036	100	Ball head retainer clasps Gancia a palla
303-2701 303-2802			0,70 0,80	.028 .031	100	Triangular clasps Ganci triangolari
306-2701			0,70	.028	100	Eyelet retainer clasps Ganci ad occhiello
305-2505 305-2606 305-2608		a b 5,0 24 6,0 24 7,7 25	0,50 0,60 0,60	.020 .023 .023	100	Protrusion springs Molle di protrusione
309-2805			0,80	.031	100	Molar retainers Ganci per molari
308-2203 308-2204 308-2205		a = mm 20 20 23	b = mm 3 4 5	c = mm 0,15 0,15 0,15	10	Sheet springs Viti piatte 

FORESTACRYL®

Order No. CE		contents confezione	colour colore	description descrizione
401-0010		1 kg	clear uncoloured neutro	Clinic package - powder Confezione studio - polvere
401-0021		1 x 5 kg	clear uncoloured neutro	Standard package - powder Confezione standard - polvere
402-0010		500 ml	clear uncoloured neutro	Clinic package - liquid Confezione studio - liquido
402-0011		500 ml	clear pink rosa trasparente	Clinic package - liquid Confezione studio - liquido
402-0022		2,5 l	clear uncoloured neutro	Standard package - liquid Confezione standard - liquido
402-0023		2,5 l	clear pink rosa trasparente	Standard package - liquid Confezione standard - liquido

FORESTACRYL®

Order No. CE		contents confezione	colour colore	description descrizione
403-0010		1 kg + 500 ml	clear uncoloured neutro	Clinic package - powder + liquid Confezione studio - polvere + liquido
403-0011		1 kg + 500 ml	clear pink rosa trasparente	Clinic package - powder + liquid Confezione studio - polvere + liquido
403-0020		2 x 5 kg 2 x 2,5 l	clear uncoloured neutro	Standard package - powder + liquid Confezione standard - polvere + liquido
416-1001				Lever tap for Forestacryl liquid Cannella a Forestacryl liquid

FORESTACRYL®

Order No. CE		contents confezione	colour colore	description descrizione
404-0010		1 kg	clear uncoloured neutro	Repair-acrylic - powder Resina per riparazioni - polvere
402-0010		500 ml	clear uncoloured neutro	Repair-acrylic - liquid Resina per riparazioni - liquido
407-0001		50 ml	red rosso	Concentrates for colouring Super colori concentrati
407-0002		50 ml	blue blu	
407-0003		50 ml	yellow giallo	
407-0004		50 ml	green verde	
407-0007		50 ml	neon-yellow giallo fluorescente	
407-0008		50 ml	purple viola	

Happy-Design

Order No. CE		contents pezzi	description descrizione
407-0508		50	Owl Gufo
407-0507		50	Fish Pesce
407-0522		50	Wasp Vespa
407-0524		50	Bat Pipistrello
407-0525		50	Footballplayer red Calciatore rosse
407-0527		50	Smiling
407-0528		50	Skull Teschio
407-0531		50	Footballplayer blue Calciatore blu

Order No. CE		contents pezzi	description descrizione
407-0519		50	Ferrari
407-0520		50	Horse Cavallo
407-0536		50	Butterfly Fourfalla
407-0537		50	Cat Gatto
407-0539		50	Tiger Tigre
407-0540		50	Black dog Cane nero
407-0541		50	Germany Germania
407-0542		50	Football pallone da calcio

Happy-Design

Order No. CE		contents pezzi	description descrizione
407-0504		50	Parrot Pappagallo
407-0505		50	Ladybird Coccinella

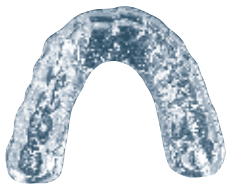
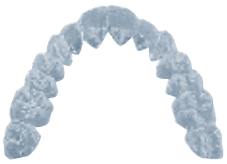
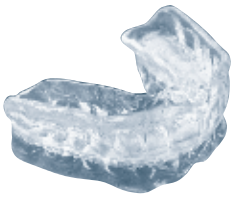
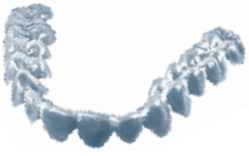
Order No. CE		contents pezzi	description descrizione
407-0511		50	Heart Cuore
407-0514		50	Motorbike Motociclista

Order No. CE		contents pezzi	description descrizione
407-0100		400 pcs. 400 pez.	Orthodontic inlay pictures, assortment Kit di figurine assortite

TRACK® – Thermoforming foils
TRACK® – dischi termoformabili

Info
N° 175

Ø 125 mm, transparent, transparenti

Order No. CE	thickness spessore	contents Quantità		description discrizzione	Application Applicazione	Bonding to acrylic Legame con acrilici
408-0105	0,5 mm	100		**Track® A** Hard (PETG)	invisible retainers, standard retainers, correction splints, applications like ESSIX A. Retainers invisibili, Retainers normali, Splint di stabilizzazione, Applicazioni come ESSIX A	yes sì
408-0106	0,63 mm	100				
408-0108	0,8 mm	100				
408-0110	1,0 mm	100				
408-0115	1,5 mm	50				
408-0220	2,0 mm	30		**Track® B** Double layer (TPU/PET-G)	comfortable retainers with optional correction (if used with set-up) Retainers confortevoli modificabile (quando utilizzato con set-up)	yes (on hard side) sì (sul lato rigido)
408-0305	0,5 mm	100		**Track® C** Soft (PE)	transfer trays, etching trays, applications like ESSIX C Cappette di fusione, Applicazioni come ESSIX C	no
408-0306	0,6 mm	100				
408-0310	1,0 mm	100				
408-0515	1,5 mm	50		**Track® E** Soft, rubbery (EVA)	positioners, bracket transfer trays, bracket guards, positioners, can be used to duplicate study models Posizionatori, Set-up ortodontici, Paradenti, Duplicazione di modelli studio	no
408-0520	2,0 mm	50				
408-0530	3,0 mm	30				
408-0610	1,0 mm	100		**Track® bleach** (EVA)	bleaching trays, applicating tray for flouride and medication Tray per applicazione per sbiancati, fluoro e altri medicamenti	no
408-0700	1,0 mm	100		**Track® PC** (Polycarbonate)	Essix trays, Miniplast-trays, standard retainers, adapting trays Tray tipo Essix e di allineamento, retainer standard	yes sì

TRACK-V – Vacuum Thermoforming unit
TRACK-V – termostampante a vuoto

CE*

Order No.		contents quantità	description descrizione
900-2000		1	**Track-V** Vacuum thermoforming unit, 230 V Apparecchio per termoformatura a vuoto, 230 V
900-2110		1	**Track-V ,** 100 V, Japan
900-2115		1	**Track-V ,** 115 V, USA

*2006/42/EG

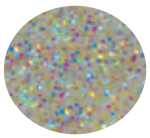
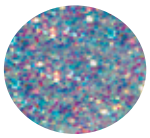
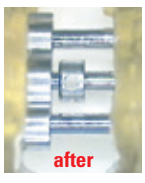
Auxillaries
Accessori

Order No.	description descrizione		contents confezione
408-0705	**Cover template** (4 sizes x 2 pieces) **Template di coperture** (4 dimensioni x 2 pezzi)		1
408-0706	**Occluform for Track V** **Occluform per Track V**		1
900-2002	**Blocking out plaster, 400 g** **Gesso per modellazione, 400 g**		1
900-2003	**Blocking out wax transparent, 50 g** **Cera trasparente per modellazione, 50G g**		1
900-2012	**Brush for granules, incl. magnet** **Pennello per granulato, con calamita**		1
900-2001	**Filling granules (refill package)** high-grade steel granules (magnetic) featuring rounded edges **Granulato (confezione ricambio)** granulato in acciaio (magnetico) a spigoli arrotondati		1
900-2018	**Finishing set Track** for cutting and handling tracks **Set rifinitura Track** per tagliare e maneggiare le termostampate		1
900-2016	**Sealing for foil reception** **Guarnizione telaio portadischi**		1
900-2017	**Sealing for form pot** **Guarnizione alloggiamento di formatura**		1

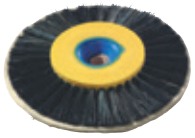
Auxillaries
Accessori

Order No.		description descrizione
501-0877		**Thermoforming pliers small,** for the activation of Track PC foils, tip width 1,3 mm **Pinze per dischetti termoformabili piccole,** per l'attivazione dei dischi Track PC, larghezza in punta 1,3
501-0878		**Thermoforming pliers large,** for the activation of Track PC foils, tip width 2,2 mm **Pinze per dischetti termoformabili grandi,** per l'attivazione dei dischi Track PC, larghezza in punta 2,2 mm
414-0002		**Isolac clear,** alginate based insulating, 500ml **Isolante trasparente Isolac** per impronte in alginato, 500 ml

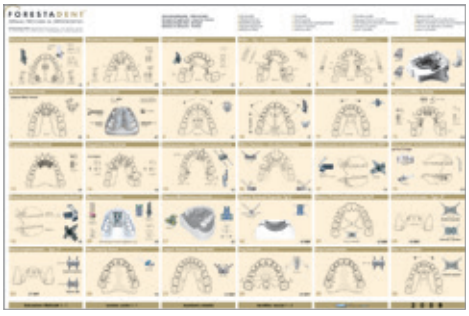
Auxillaries
Accessori

Order No.		colour colore	contents confezione	description descrizione
407-0028 CE		mint-green/red menta-verde/rosso	100 g	**Magic-powder concentrate** **Magic-polvere concentrata**
407-0029 CE		purple viola	100 g	
426-0100			1 l	**Cement remover and prosthesis cleaner.** This cleaning concentrate is ideal for the intensive cleaning of removable appliances. Tartar and other sediments are easily removed. We recommend the use of a separate beaker in the ultrasonic bath. Please always refer to the Material Safety Data Sheet. **Liquido detergente per apparecchi ortodontici.** STAMMOPUR Z: Soluzione concentrata ideale per la pulizia di apparecchi mobili. Tartaro ed altri sedimenti vengono facilmente rimossi. Per l'uso con ultrasuoni si raccomanda l'impiego di un apposito contenitore. Prima dell'uso consultare la scheda di sicurezza.

Auxillaries
Accessori

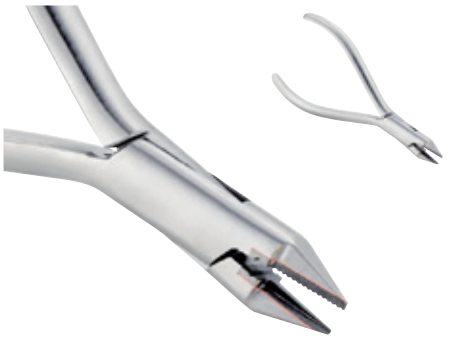
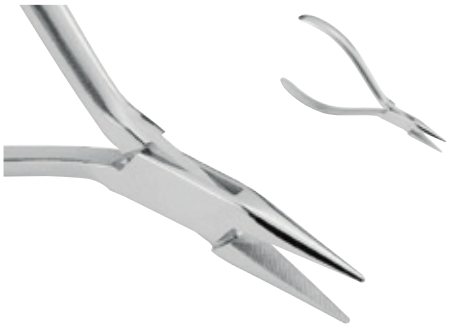
Order No.		contents pezzi	description descrizione
416-0001		1 piece 1 pezzo	**Spray-bottle** for 100 ml FORESTACRYL powder **Spruzzatore** per 100 ml FORESTACRYL polvere
416-0010		1 piece 1 pezzo	**Spray-bottle** for 50 ml FORESTACRYL liquid **Spruzzatore** per 50 ml FORESTACRYL liquido
416-1000		1 piece 1 pezzo	**Metal nozzle** for powder spray bottles **Ugello** per polvere
411-0001		1 piece 1 pezzo	**Round brush** with cloth lining, Ø 80 mm **Spazzola** per lucidare Ø 80 mm
412-0001		1 piece 1 pezzo	**Linen buff** Ø 80 mm **Spazzola** di lino Ø 80 mm

Accessories
Accessori

Order No.	pieces pezzi	description descrizione
100-0001 CE	100	**Key for expansion screws** **Chiave per viti**
100-0023 CE CE 0297	1	**Box** containing an assortment of all FORESTADENT expansion screws and wire parts **Cofanetto** contenente l'intera gamma di viti ad espansione FORESTADENT e relativi accessori
100-0051	20	**Pop-Box size 1** normal size for transversal plates. Package with 20 pieces, colours may vary. **Pop-Box formato 1** formato normale per piastre trasversali. Confezione da 20 pezzi, i colori possono variare.
100-0052	20	**Pop-Box size 2** for activators and bionators. Package with 20 pieces, colours may vary. **Pop-Box formato 2** per attivatori e bionators. Confezione da 20 pezzi, i colori possono variare.
100-0016	1	**Poster screws** showing examples of application, size 41 x 60 cm **Poster Viti** con esempi di applicazioni, 41 x 60 cm 

Pliers, instruments and accessories
Pinze, strumenti ed accessori

Wire bending pliers
Pinze per modellare i fili

Order No.		description descrizione
501-0402		**Adams pliers** with one pyramid and one cone beak, normal, for wires up to Ø 0,7 mm, disinfectable, sterilisable **Pinza di Adams** con un lato conico e l'altro a piramide, per fili fino ad un massimo di Ø 0,7 mm, disinfettabile e sterilizzabile
501-0405		**Adams pliers** with hard metal pyramid and cone beaks, for wires up to Ø 0,9 mm, disinfectable, sterilisable* **Pinza di Adams** con un lato conico e l'altro a piramide, per fili fino ad un massimo di Ø 0,9 mm, disinfettabile e sterilizzabile*
501-0202		**Flat pliers** both sides grooved, narrow, for wires up to Ø 0,7 mm, disinfectable, sterilisable **Pinza a becchi** piatti per fili fino ad un massimo di Ø 0,7 mm, disinfettabile e sterilizzabile
501-0709		**Pliers for the palatal split screw** for wires up to Ø 1,5 mm **Pinza per espansori rapidi** per fili fino ad un massimo di Ø 1,5

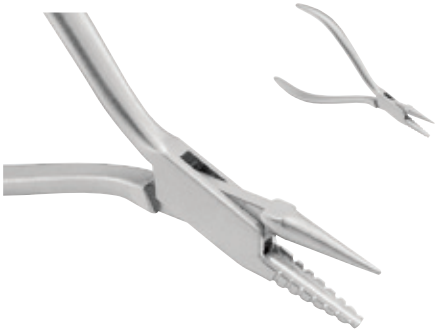
*only except plastic cover / tranne la copertura di plastica

Wire bending pliers
Pinze per modellare i fili

Order No.		description descrizione
501-0210		**Pointed flat nose pliers** with grooved points, with guide grooves on both sides, for wires up to Ø 0,8 mm, disinfectable, sterilisable* **Pinza a becchi piatti e fini** con punte scanalate su entrambi i lati. Per fili fino ad un massimo di Ø 0,8 mm, disinfettabile e sterilizzabile*
501-0707		**Aderer pliers** with narrow standing points, for bending wires up to Ø 0,5 mm, disinfectable, sterilisable **Pinza di Aderer** a tre becchi fini, per fili fino ad un massimo di Ø 0,5 mm, disinfettabile e sterilizzabile
501-0701		**Aderer pliers** for bending wires up to Ø 0,9 mm, disinfectable, sterilisable **Pinza di Aderer** a tre becchi medi, per fili fino ad un massimo di Ø 0,9 mm, disinfettabile e sterilizzabile

*only except plastic cover / tranne la copertura di plastica

Wire bending pliers
Pinze per modellare i fili

Order No. CE		description descrizione
501-0502		**Medium sized bending pliers** for wires up to Ø 1,0 mm, disinfectable, sterilisable **Pinza concavo/convessa media** per fili fino ad un massimo di Ø 1,0 mm, disinfettabile e sterilizzabile
501-0503		**Bending pliers** medium fine, with graduation, for wires up to Ø 1,0 mm, disinfectable, sterilisable **Pinza concavo/convessa media,** punte sottili e con scanalature per fili fino ad un massimo di Ø 1,0 mm, disinfettabile e sterilizzabile
501-0211		**Young loop bending pliers** universal pliers for bending loops, for wires up to Ø 0,7 mm, disinfectable, sterilisable **Pinza di Young universale** per fili fino ad un massimo di Ø 0,7 mm, disinfettabile e sterilizzabile
501-0864		**Special pliers** max. .022"x.028", shape according to Nakajima, disinfectable, sterilisable* **Pinza speciale Nakajima** per fili fino ad un massimo di .022"x.028" disinfettabile e sterilizzabile*

*only except plastic cover / tranne la copertura di plastica

Pliers for fixed appliances
Tronchesi

Order No. CE		description descrizione
501-0805		**Safety-hold end cutter mini** especially small, max. .022"x.028", disinfectable, sterilisable* **Micro tronchesino mini** distale con trattenuta per fili fino a .022"x.028", disinfettabile e sterilizzabile*
501-0807		**Distal cutter medium** with retaining beaks for hard wires up to .022"x.028", disinfectable, sterilisable* **Tronchesino distale medio** con trattenuta per filo fino a .022"x.028", disinfettabile e sterilizzabile*
501-0806		**Distal cutter maxi** with retaining beaks for hard wires up to .022"x.028", disinfectable, sterilisable* **Tronchesino distale maxi** con trattenuta per filo fino a .022"x.028", disinfettabile e sterilizzabile*
501-0710		**Step bending plier left,** acc. to Dr. Wiechmann, for max. wire thickness of .018" x .025" **Pinza piega filo sinistra,** secondo il Dr. Wiechmann, per spessore filo max. di .018" x .025"
501-0711		**Step bending plier right,** acc. to Dr. Wiechmann, for max. wire thickness of .018" x .025" **Pinza piega filo destra,** secondo il Dr. Wiechmann, per spessore filo max. di .018" x .025"

*only except plastic cover / tranne la copertura di plastica

Special pliers for fixed appliances
Tronchesi e pinze per ortodonzia fissa

Order No.		description descrizione
501-0802 CE		**Side nippers medium** for lock pins and ligatures for soft thin wires (0,40 mm = .016"), with hard metal insert, disinfectable, sterilisable **Tronchesino medio** per legature fino a 0,40 mm con rinforzo in tungsteno, disinfettabile e sterilizzabile
501-0819 CE		**„Hard wire" cutter** for cutting hard wires up to .022"x.028", with hard metal insert, disinfectable, sterilisable **Tronchese per fili duri** fino ad un massimo di .022"x.028" con inserti in tungsteno, disinfettabile e sterilizzabile
501-0801 CE		**Side nippers mini** for lock pins and ligatures (0,40 mm= .016"), with hard metal insert, disinfectable, sterilisable* **Tronchesino mini** per legature fino a (0,40 mm), disinfettabile e sterilizzabile*
501-0809 CE		**Weingart universal lightwire pliers** max. .022"x.028", disinfectable, sterilisable **Pinza di Weingart** per fili fino ad un massimo di .022"x.028" disinfettabile e sterilizzabile

*only except plastic cover / tranne la copertura di plastica

Special pliers for fixed appliances
Pinze per ortodonzia fissa

Order No.		description descrizione
501-0845 CE		**Weingart ultra lightwire pliers** disinfectable, sterilisable **Pinza di Weingart per fili sottili** disinfettabile e sterilizzabile
501-0810 CE		**Lightwire bending pliers** according to Prof. Jarabak, disinfectable, sterilisable **Pinza di Jarabak** per fili sottili ad un massimo di Ø 0,50 mm, disinfettabile e sterilizzabile
501-0821 CE		**Begg-Type Lightwire bending pliers** with hard metal insert, wires up to Ø 0,50 mm, disinfectable, sterilisable* **Pinza di Begg** con inserti in tungsteno, per fili sottili ad un massimo di Ø 0,50 mm, disinfettabile e sterilizzabile*
501-0865 CE		**Light wire pliers** for wires up to Ø 0,60 mm with cutter Begg, disinfectable, sterilisable **Pinza di Begg** con tronchesiono, per fili sottili ad un massimo di Ø 0,60 mm, disinfettabile e sterilizzabile

*only except plastic cover / tranne la copertura di plastica

Special pliers for fixed appliances
Pinze per ortodonzia fissa

Order No.		description descrizione
501-0820 CE		**Angle bending pliers** with hard metal insert, disinfectable, sterilisable **Pinza di angle per piegatura,** con inserto in tungsteno, disinfettabile e sterilizzabile
501-0839 CE		**Arch torquing and bending pliers** for wires up to Ø 0,60 mm, allow to use a pair, disinfectable, sterilisable **Pinza di torque e di piegatura di archi** per fili fino ad un massimo di Ø 0,60 mm, disinfettabile e sterilizzabile. Si consiglia l'uso del doppio strumento
501-0874 CE		**Archwire bending plier "Hammerhead"** disinfectable, sterilisable* **Pinza "a martello" per piegatura archi** disinfettabile e sterilizzabile*
501-0822 CE		**De La Rosa pliers** for contouring lightwire arches and bands, with hard metal insert, Ø 0,55 mm, disinfectable, sterilisable* **Pinza De La Rosa** per modellare fili sottili fino a Ø 0,55 mm e bande con inserti in tungsteno, disinfettabile e sterilizzabile*
501-0808 CE		**Tweed loop pliers** with hard metal tip, disinfectable, sterilisable, up to .022"x.028" **Pinza di Tweed** con punte in tungsteno, con punte ricambiabili disinfettabile e sterilizzabile, ad un massimo di .022"x.028" Replacement tip Punte di ricambio 501-0837

*only except plastic cover / tranne la copertura di plastica

Special pliers for fixed appliances
Pinze speciali per ortodonzia fissa

Order No.		description descrizione
501-0825 CE		**Bracket removing pliers** angulated, disinfectable, sterilisable **Pinza per rimozione attacchi** angolata, disinfettabile e sterilizzabile
501-0815 CE		**Bracket removing pliers** with plastic insert, disinfectable, sterilisable **Pinza per rimozione attacchi** con inserti in plastica, disinfettabile e sterilizzabile
C501-0828 CE		**QuicKlear® bracket debonding plier** with notch **Pinza rimozione attacchi QuicKlear®**
501-0816 CE		**Band removing pliers** disinfectable, sterilisable **Pinza per rimozione bande** disinfettabile e sterilizzabile
501-0817 CE		**Conversion plier for Buccal tubes** disinfectable, sterilisable **Pinza per Alicate para convertire tubi buccali** disinfettabile e sterilizzabile Replacement blade lama di ricambio 501-0837

Special pliers and instruments for fixed appliances
Pinze speciali e strumenti

Order No.		description descrizione
501-0867 CE	 	**Bracket locating tweezers** small model, also suitable for lingual treatment, disinfectable, sterilisable **Pinzetta per posizionare attacchi,** anche linguali, a punte sottili, disinfettabile e sterilizzabile
501-0866 CE	 	**Clamping tweezers** for locating DB-brackets. The joint serves for the angulation of Edgewise-Brackets, disinfectable, sterilisable. **Pinzetta** per posizionare gli attacchi a punte squadrate. Le Punte sono state studiate per il posizionamento dei brackets nella tecnica Edgewise, disinfettabile e sterilizzabile
501-0223 CE		**2D Lingual bracket tweezer – 3 mm** **2D Lingual bracket pinzetta – 3 mm**
501-0224 CE		**2D Lingual bracket tweezer – 4 mm** **2D Lingual bracket pinzetta – 4 mm**
501-0225 CE		**2D Lingual bracket tweezer – 5 mm** **2D Lingual bracket pinzetta – 5 mm**

Special pliers and instruments for fixed appliances
Pinze speciali e strumenti

Order No.		description descrizione
501-0840 CE		**2D Lingual bracket opening plier** **Pinza per aprire attacchi 2D®**
501-0705 CE		**Needle holder - Mathieu** disinfectable, sterilisable **Porta aghi Mathieu** disinfettabile e sterilizzabile
501-0708 CE		**Needle holder Mathieu** with hard metal beaks, disinfectable, sterilisable **Porta aghi Mathieu** con punte in tungsteno, disinfettabile e sterilizzabile
501-0830 CE		**Mosquite-forceps** for application of elastics, disinfectable, sterilisable **Pinza Mosquito** per elastici, disinfettabile e sterilizzabile

Special pliers and instruments for fixed appliances
Pinze speciale e strumenti

Order No.		description descrizione
501-0870 CE		**Separating pliers** disinfectable, sterilisable **Pinza per elastici,** disinfettabile e sterilizzabile
501-0869 CE		**Ligature-forceps** disinfectable, sterilisable **Pinza per legature elastiche,** disinfettabile e sterilizzabile
501-0834 CE		**Tweezers** for seating elastics, disinfectable **Pinzetta** per elastici disinfettabile
501-0838 CE		**Twirl-on-Instrument** disinfectable, sterilisable **Applicatore di legature** disinfettabile e sterilizzabile
501-0843 CE		**Special explorer with director** to open the lingual brackets **Sonda speciale con director** per aprire gli attacchi linguali

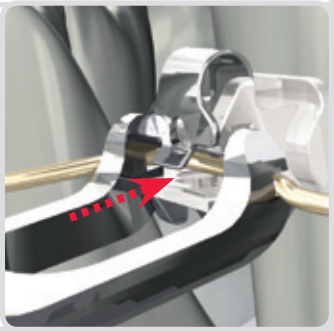
Instruments
Strumenti

Order No.		description descrizione
501-0833 CE		**Ligature director** disinfectable, sterilisable **Direzionatore per legature** disinfettabile e sterilizzabile
501-0855 CE		**Archwire-Tucker** disinfectable, sterilisable **Tucker per archi** disinfettabile e sterilizzabile
501-0846 CE		**Band seating instrument and scaler** disinfectable, sterilisable **Strumento di utilità** disinfettabile e sterilizzabile
501-0828 CE		**Band pusher** disinfectable, sterilisable **Spingibande** disinfettabile e sterilizzabile
501-0868 CE		**Molar band seater** with hard metal insert, disinfectable, sterilisable **Adattatore per bande** con inserto in tungsteno, disinfettabile, sterilizzabile
C501-1842 CE		**QuicKlear + BioQuick + BioPassive** Classic opening instrument, double sided Sonda doppia standard

*only except plastic cover / tranne la copertura di plastica

Instruments
Strumenti

Order No.		description descrizione
501-1843 CE		**Quick & QuicKlear collar style opening instrument,** double sided **Sonda collare doppia BioQuick & QuicKlear**
501-0861 CE		**Archwire-Director** **Sonda per archi**
C501-0815 CE		**„Pauls-Tool" for debonding of QuicKlear® brackes – double sided** **„Pauls Tool" – Strumento rimozione attacchi QuicKlear® – doppio**
501-0842		**Stress and tension gauge –** measuring range 50 - 500 g **Dinamometro –** misurazione di forza da 50 a 500 g
505-0002		**Holder for pliers** 15 compartments – 30 x 25 x 6 cm **Rastrelliera per pinze** 15 posti – 30 x 25 x 6 cm



Universal cutting pliers
Tronchesi

Order No.		description descrizione
501-0101		**Medium sized side nippers** for wires up to Ø 0,7 mm **Tronchese medio** massima capacità di taglio Ø 0,7 mm
501-0103		**Heavy wire cutter** for hard wires up to Ø 1,2 mm **Tronchese per fili duri** massima capacità di taglio Ø 1,2 mm
501-0204		**Pin and universal technique pliers** with cutter, for wires up to Ø 0,9 mm **Pinza universale con tronchese** massima capacità di taglio Ø 0,9 mm
501-0877		**Thermoforming pliers small** for the activation of Track PC foils, tip width 1,3 mm **Pinze termoformatrici piccole** per l'attivazione dei dischi Track PC, larghezza in punta 1,3
501-0878		**Thermoforming pliers large** for the activation of Track PC foils, tip width 2,2 mm **Pinze termoformatrici grandi** per l'attivazione dei dischi Track PC, larghezza in punta 2,2 mm

Instruments
Strumenti

Order No. CE		Size Misura	description descrizione
501-0871		1	**Bracket positioning boone gauge** **Altimetro universale**
506-0001		1	**Vernier Gauge Caliper for practice and laboratory** Model Zürich for inside and outside measurements **Calibro dentale per studio e laboratorio** modello Zürich per misurazioni interne ed esterne

Adhesives
Adesivi

Order No. CE0197		contents confezione	description descrizione
422-6002		1	**KURASPER F** Contents: KURASPER F adhesive 2 ml, KURASPER F paste 2 ml, K-ETCHANT GEL 6 ml, mixing-sheet, application-brush **KURASPER F** Contenuto: KURASPER F adesivo 2 ml, KURASPER F pasta 2 ml, K-ETCHANT GEL 6 ml, dish di distribuzione, pennellini
422-6203		2 ml	**KURASPER F** Adhesive / adesivo
422-6602		2 ml	**KURASPER F** Paste / pasta

Accessories
Accessori

CE 0197			
422-6302		1	**Kurasper K-etchant Etching agent,** 6 ml **Kurasper K-etchant Mordenzante,** 6 ml
422-1402		50 pieces 50 pezzi	**Disposable brushes** **Pennelli**
426-0002 CE 0123		1	**Aqua-Cem-Glass-Ionomer-cement** fixing material Contents: powder 30 g, water dispensing bottle, powder measure, instructions **Aqua-Cem cemento vetro-ionomerico:** materiale da fissaggio contenente: 30 gr polvere, dosatore per l'acqua, dosatore per la polvere, istruzioni d'uso

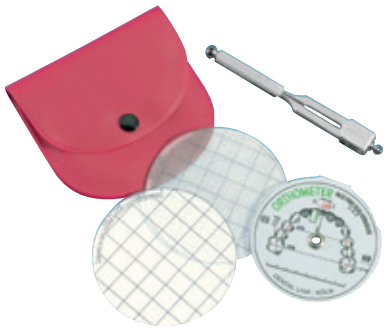
Equipment for surgery and laboratory
Accessori per studio e laboratorio

Order No.		description descrizione
900-1127		**QuicKlear® Bracket container** up to 3 cases maxillary and mandibular **Cofanetto per attacchi QuicKlear®** da 3 casi maxillary e mandibular
900-1128		**QuicKlear® Bracket container** up to 6 cases maxillary or mandibular **Cofanetto per attacchi QuicKlear®** da 6 casi maxillary o mandibular
900-1126		**Bracket container** for maxillary and mandibular **Cofanetto per attacchi** da maxillary e mandibular
431-0002		**Bracket tray** for prior assorting of direct bonding brackets (10 pieces) **Bracket tray** classificatore per brackets (10 pezzi)
900-1122		**Container for 1 case metal brackets** **Cofanetto per un caso di attacchi**

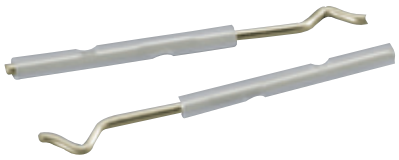
Accessories
Accessori

Order No.		description descrizione
900-1104		**Container** **Interno per bande**
900-1107		**Band-container** can be stacked, after removal of the lid it can be inserted into the band box, for max. + mand. molars **Cofanetto per bande** utilizzabile anche internamente al Band-Box 900-1103

Equipment for surgery and laboratory
Accessori per studio e laboratorio

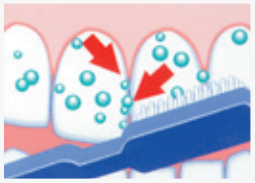
Order No.		description descrizione
435-0001		**Diagnostic instruments (Orthometer kit) according to Prof. Dr. Dr. Korkhaus containing:** 1. Orthometer caliper for transversal and sagittal dimensions 2. Orthodontic disc with centimeter-scale 3. Orthodontic disc with millimeter-scale 4. Precision bow divider with point protector and millimeter-scale **Kit ortometrico (strumenti di misura) secondo il Prof. Dr.Dr. Korkhaus, composta da:** 1. Calibro di controllo per le dimensione trasversali e saggitali 2. Disco ortodontico in scala centimetrica 3. Disco ortodontico in scala millimetrica 4. Compasso ortodontico con cappuccio di protezione in scala millimetrica
424-0001 CE		**Lip- and Cheek-retractor** for spacious view of full arch **Retrattore per guance** e labbra 2 pieces/pezzi
436-0001		**Bow divider,** available separately **Compasso**, disponibile separatamente

*Accessories for the manufacture of the gnathological positioner**
*Materiale per la fabbricazione di posizionatori gnatologici**

Order No.		contents contenuto	description descrizione
900-1210		100 pieces 100 pezzi	**Mobil-Pin** (covered with a plastic tube) **Mobil-Pin** (ricoperto con un tubo di protezione)
900-1211 CE		2 pieces 2 pezzi	**Positioner blank** **Posizionatori trasparenti**

*acc. to Prof. Dr. F. G. Sander

Dental care
Dentifricio

900-1318		12 x 100 ml	**Pearls & Dents tooth paste** **Pearls & Dents dentifricio**	

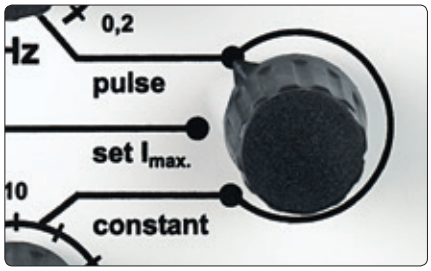
Memory Maker

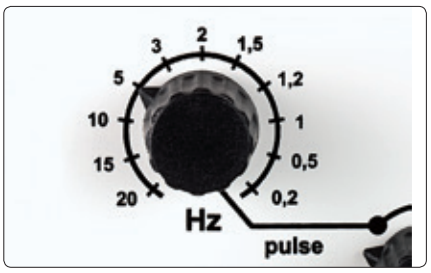
3. Generation

Info
N° 154

With the Memory-Maker you can program the superelastic Memory-Form of Nickel-Titanium Wires, e.g. FORESTADENT Titanol® or you can change already programmed Memory-Forms.

Con il Memory-Maker si programma la Memoria di forma dei fili in Nickel titanio, come il Titanol® FORESTADENT e si può cambiare la memoria degli archi già preformati.





Order No.	description descrizione
900-1007	**Memory Maker** without pliers / senza pinze
900-1008	**Memory Maker** with 2 pliers 501-0810 / con 2 pinze 501-0810

*2006/42/EG

Posters, advertising materials and models
Poster, materiale pubblicitario e modelli

Posters, advertising materials
Poster, materiale pubblicitario

Order No.		language lingua	piece pezzi	description descrizione
100-0095			1	**Poster QuicKlear Brackets** for the waiting-room **Poster QuicKlear Brackets** per la sala d'attesa
100-0094		english italiano	1	**Patient flyer QuicKlear Bracket**, 6 pages **Folder QuicKlear Brackets**, 6 pagine
100-0068			1	**Poster BioQuick Brackets** for the waiting-room **Poster BioQuick Brackets** per la sala d'attesa
100-0086		english italiano	1	**Patient flyer BioQuick Brackets**, 6 pages **Folder BioQuick Brackets**, 6 pagine

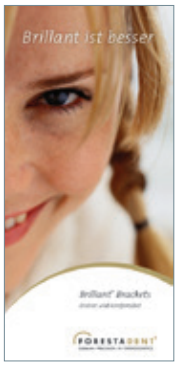
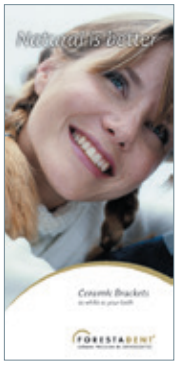
Posters, advertising materials
Poster, materiale pubblicitario

Order No.		language lingua	piece pezzi	description descrizione
100-0103			1	**Poster GLAM Brackets "Man"** for the waiting-room **Poster GLAM Brackets "Uomo"** per la sala d'attesa
100-0101		english italiano	1	**Patient flyer GLAM Brackets "Man"**, 6 pages **Folder GLAM Brackets "Uomo"**, 6 pagine
100-0104			1	**Poster GLAM Brackets "Girl"** for the waiting-room **Poster GLAM Brackets "Femmina"** per la sala d'attesa
100-0071		english italiano	1	**Patient flyer BioArchwires,** 6 pages **Folder BioArci**, 6 pagine

Posters, advertising materials
Poster, materiale pubblicitario

Order No.		language lingua	piece pezzi	description descrizione
100-0083			1	**Poster 2D Lingual Brackets** for the waiting room **Poster 2D Lingual Brackets** per la sala d'attesa
100-0079		english italiano	1	**Patient flyer 2D Lingual Brackets,** 6 pages **Folder 2D Lingual Brackets**, 6 pagine
100-0105			1	**Poster Micro Sprint Brackets** for the waiting room **Poster Micro Sprint Brackets** per la sala d'attesa
100-0102		english italiano	1	**Patient flyer Micro Sprint Brackets,** 6 pages **Folder Micro Sprint Brackets,** 6 pagine

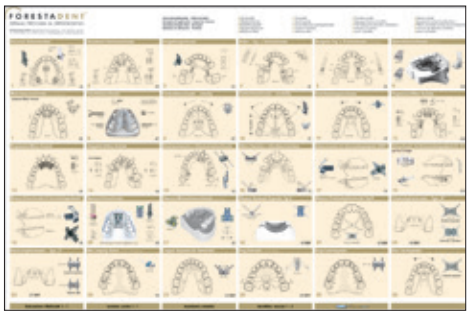
Posters, advertising materials
Poster, materiale pubblicitario

Order No.		language lingua	piece pezzi	description descrizione
100-0078		english	1	**Patient flyer Brillant Brackets,** 6 pages **Folder Brillant Brackets**, 6 pagine
100-0080		english	1	**Patient flyer Aesthetic Line Brackets,** 6 pages **Folder Aesthetic Line Brackets**, 6 pagine
100-0077		english	1	**Patient flyer Ceramic Brackets,** 6 pages **Folder Ceramic Brackets**, 6 pagine

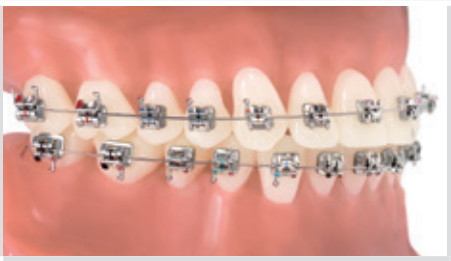
Posters, advertising materials
Poster, materiale pubblicitario

Order No.		language lingua	piece pezzi	description descrizione
100-0074		english	1	**Poster "Nickel-free is better"** for the waiting room **Poster** per la sala d'attesa
100-0075		english	1	**Patient flyer "Nickel free orthodontics with fixed appliances",** 6 pages **Folder** di 6 pagine per il paziente
100-0076		english	1	**Patient flyer "Nickel free orthodontics with removable appliances",** 6 pages **Folder** di 6 pagine per il paziente

Posters, advertising materials
Poster, materiale pubblicitario

Order No.		language lingua	piece pezzi	description descrizione
100-0016		english italiano	1	**Poster** showing examples of application, size 63 x 47 cm **Poster viti** con gli esempi dell'applicazione, di dimensioni 63 x 47 cm
100-0041		english italiano	1	**Coloured poster** for the waiting room **Poster a colori** per la sala d'attesa

Models - Modelli

Order- No.	description / descrizione	
950-0232		**BioQuick®-Brackets** – active, attivo
950-0233		**BioPassive®-Brackets** – passive, passivo **
950-0210		**Mini Sprint®-Brackets**
950-0220		**Micro Sprint®-Brackets**
C950-1006		**QuicKlear® & BioQuick®**
950-0213		**2D Lingual Brackets**
Max. 950-0001 Mand. 950-0002		**Brillant® Brackets ** **

*acc. to/secondo Dr. Kevin Walde

**while stock lasts/fino ad esaurimento scorte

Models - Modelli

Order- No.	description / descrizione	
950-0333		**Typodont without brackets ***** **Typodont senza attacchi *****
950-0121		**FMA - Functional Mandibular Advancer* / *****
950-0123		**Snap Lock Expander *****
950-0107		**Uprighting Spring**
950-0115		**Bite Jumping screw**** 199-2622
950-0993		**Ortho Easy-Pins**

*acc. to/secondo Dr. Gero Kinzinger, Dr. Jens Ostheimer **acc. to/secondo Dr. Marc Geserick ***while stock lasts/fino ad esaurimento scorte

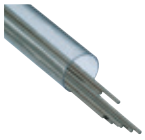
Service - Materials for ni-free treatment
Servizi - Materiali per trattamenti senza nichel

Ni-Free Products

Brackets, Wires, Screws

Brackets, archi, viti

CE 0297

	description descrizione
Sprint® / Mini Sprint® / Micro Sprint® Brackets 	Ni-Free stainless steel brackets Bracket in acciaio Nichel free chapter/capitolo 2 - Brackets
Brillant Brackets 	Polyoxymethylene, a material giving high colour stability, low friction and high wear resistance Attacco in poliossimetilene: materiale caratterizzato da stabilita'di colore, scorrevolezza e resistenza alla abrasione mai ottenuti con materiali sintetici. chapter/capitolo 3 - aesthetic materials, Attacchi estetici
Aesthetik-Line® Brackets 	Resin brackets reinforced with special fillers Resino-ceramica ad alta resistenza chapter/capitolo 3 - aesthetic materials, Attacchi estetici
GLAM® Brackets 	Standard ligating, translucent ceramic bracket Attacco ceramico con ottimale traslucenza chapter/capitolo 3 - aesthetic materials, Attacchi estetici
Betaflex 	Betaflex titanium wires and arch wires Archi e fili anallergici Betaflex chapter/capitolo 6 - wires, archi
Forestanit 	**Laboratory coils** round, nickel free wires* **Filo in bobina,** senza nichel* * < 0,3 % Ni chapter/capitolo 8 - laboratory material, materiale da laboratorio
Titanium screw 	Universal expansion screw as 100-2000 made of titanium Vite universale ad espansione come la 100-2000 ma in titanio chapter/capitolo 8 - expansion screws, Viti da espansione

Ni-Free Products*

Buccal tubes for direct bonding Ni-Free

Tubi diretti nickel free

CE 0297

Maxillary	tooth dente	Torque	Angulation angolazione	distal offset offset distale	Slot	Sandblasted pad Base sabbiata on pad/su Pad (10 pcs./10 pz.) right/destra	Sandblasted pad Base sabbiata on pad/su Pad (10 pcs./10 pz.) left/sinistra
occlusal headgear tube Comfort Line convertible	6 | 6	-14°	0°	14°	.018" x .025"	741M0704	740M0704
					.022" x .028"	741M0702	740M0702
Comfort Line convertible	6 | 6	-20°	0°	20°	.022" x .028"	728M0712	727M0712
	7 | 7	-20°	0°	12°	.022" x .028"	728M0802	727M0802
		-14°	0°	14°	.018" x .025"	741M0804	740M0804
					.022" x .028"	741M0802	740M0802

Mandibular

convertible	6 | 6	-30°	0°	4°	.018" x .025"	741M1704	740M1704
					.022" x .028"	741M1702	740M1702
Comfort Line convertible	6 | 6	-20°	0°	0°	.022" x .028"	728M1702	727M1702
convertible	6 | 6	-13°	0°	4°	.022" x .028"	728M1802	727M1802
	7 | 7	-30°	0°	4°	.018" x .025"	741M1804	740M1804
					.022" x .028"	741M1802	740M1802

*Nickel free

Analysis of materials
Identificazione dei componenti

Chapter / Capitolo 1	Chapter / Capitolo 1	identification no. / n. identificativo
	Quick Brackets	1.006 / 3.001
	QuicKlear Brackets	5.000 / 3.001
	2D Lingual Brackets	1.000 / 1.002
Chapter / Capitolo 2	**Chapter / Capitolo 2**	**identification no. / n. identificativo**
	Sprint® / Mini Sprint® Brackets	1.006
	Brackets Mini-Mono® on pad / diretto	1.002 / 1.000 / 1.004 / 2.200
	Brackets for welding / da puntare	1.002
Chapter / Capitolo 3	**Chapter / Capitolo 3**	**identification no./ n. identificativo**
	Aspire Gold Ceramic Bracket	5.000 + Au
	Brillant® Brackets	POM
	Aesthetik-Line® Brackets	4.002 contains / contenere Bisphenol A
	GLAM® Brackets	5.000
Chapter / Capitolo 4	**Chapter / Capitolo 4**	**identification no./ n. identificativo**
	Bands / Bande Molari	1.001
	Buccal Tubes on pad / Tubi buccali diretto	1.002 / 1.000 / 1.004 / 2.200
	Buccal Tubes for welding / Tubi buccali da puntare	1.002 / 1.000 / 1.012
	Buccal tubes MIM / Tubi buccali MIM	1.006
	Ni-Free buccal tubes / Tubi buccali Ni free	1.006
Chapter / Capitolo 5	**Chapter / Capitolo 5**	**identification no./ n. identificativo**
	BioStarter® / BioTorque® / BioLingual®	3.200
Code:	Titanol® Budget	3.200
	Titanol® Low-Force	3.200
	Titanol® Triple Force	3.200
	Titanol® Cosmetic	3.200
	Titanol® Cosmetic / BioCosmetic® beschichtet /coated	3.200 + Teflon
Code:	Betaflex	3.103
Code:	Acciaio / Steel	1.003
Code:	Forestaflex®	1.003
Code:	Forestalloy	3.002
	Special Products	1.002 / 1.003 / 3.200
Chapter / Capitolo 6	**Chapter / Capitolo 6**	**identification no./ n. identificativo**
	Facebow	1.002 / 1.003
	Activator tube	1.003 / 1.004
	Activator tube short	1.010
	Ligatures on key ring, retention-elements, separators, elastic-chains	4.009
	FOR Elastics non Latex	4.200
	FOR Elastics Latex	4.300

Analysis of materials
Identificazione dei componenti

Chapter / Capitolo 7	Chapter / Capitolo 7	identification no. / n. identificativo
	OrthoEasy Pins	3.102

Chapter / Capitolo 8	Chapter / Capitolo 8	identification no. / n. identificativo
	Expansion Screws INOX	1.002 / 1.003
	Expansion screw Titanium	3.101 / 3.102
	Forestanit soft	1.000 / 1.001
	Forestanit hard / spring hard	1.003
	Forestanit Ni-free	1.006
	TRACK® A (PET-G)	
	TRACK® B (TPU/PET-G)	
	TRACK® C (PE)	
	TRACK® E (EVA)	4.101
	TRACK® bleach (EVA)	4.101
	TRACK® PC (PC)	4.102 contains / contenere Bisphenol A

steels – acciaio

identification no. n. identificativo	material materiale	number numero	C	Si	Mn	Cr	Mo	Ni	P	S	others altro	Fe
1.000	stainless steel acciaio inox	1.4301	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.0	-	8.5-10.5	≤ 0.045	≤ 0.03	-	rest tracce
1.001		1.4303	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.0	-	11.0-13.0	≤ 0.045	≤ 0.03	-	
1.002		1.4305	≤ 0.12	≤ 1.0	≤ 2.0	17.0-19.0	-	8.0-10.0	≤ 0.06	0.15-0.35	-	
1.003		1.4310	≤ 0.12	≤ 1.5	≤ 2.0	16.0-18.0	≤ 0.8	6.0-9.0	≤ 0.045	≤ 0.03	-	
1.004		1.4401	≤ 0.07	≤ 1.0	≤ 2.0	16.5-18.5	2.0-2.5	10.5-13.5	≤ 0.045	≤ 0.03	-	
1.005		1.4404	≤ 0.03	≤ 1.0	≤ 2.0	16.5-18.5	2.0-2.5	11.0-14.0	≤ 0.045	≤ 0.03	-	
1.006		1.4456	≤ 0.1	≤ 1.0	16-20	16-20	1.8-2.5	≤ 0.3	≤ 0.05	≤ 0.05	V ≤ 0.2 N 0.7-1.0	
1.007		1.4460	≤ 0.05	≤ 1.0	≤ 2.0	25.0-28.0	1.3-2.0	4.5-6.0	≤ 0.045	≤ 0.03	N 0.05-0.20	
1.008		1.4541	≤ 0.08	≤ 1.0	≤ 2.0	17.0-19.0	-	9.0-12.0	≤ 0.045	≤ 0.03	Ti ≥ (5 x % C) ≤ 0,80	
1.009		1.4542	≤ 0.07	≤ 1.0	≤ 1.0	15.0-17.0	-	3.0-5.0	≤ 0.045	≤ 0.03	Cu 3.0-5.0 Nb 0.15-0.45	
1.010		1.4435	≤ 0.03	≤ 1.0	≤ 2.0	17.0-18.5	2.5-3.0	12.5-15.0	≤ 0.045	≤ 0.025	-	
1.011		1.4441	≤ 0.03	≤ 1.0	≤ 2.0	17.0-19.0	2.5-3.2	13.0-15.5	≤ 0.025	≤ 0.010	N ≤ 0.10 Cu ≤ 0.10	
1.012		AISI 316 L	≤ 0.03	≤ 1.0	≤ 2.0	16.0-18.0	2.0-3.0	10.0-14.0	≤ 0.045	≤ 0.030	-	

Analyse in Gew. % / análisis en % de peso

Analysis of materials
Identificazione dei componenti

Copper and precious metal alloys / Leghe in rame e metallo prezioso

identification no. n. identificativo	material materiale	number numero	Ag	Cu	Ni	Pb	Zn	Fe	Mn	Sn	Sb	Al	others altri
2.001	nickel silver nichel e argento	2.0780	-	56-58	11-13	0.3-1.5	26-33	≤ 0.5	≤ 0.5	≤ 0.3	-	-	≤ 0.1
2.200	silver solder saldatura in argento	2.5153 L-Ag75	74-76	Rest/resto	-	≤ 0.02	2.0-4.0	-	-	-	-	≤ 0.005	≤ 0.1
2.201		2.5147 L-Ag44	43-45	29-31	-	≤ 0.02	Rest/resto	-	-	-	-	≤ 0.005	≤ 0.1
2.202		2.5159 L-Ag55Sn	54-57	20-23	-	≤ 0.02	Rest/resto	-	-	2.0-5.0	-	≤ 0.005	≤ 0.1
2.203		2.5151 L-Ag72	71-73	Rest/resto	-	≤ 0.02	-	-	-	-	-	≤ 0.005	≤ 0.1
2.204		-	43-46	18-22	-	-	6-10	-	-	2.0-6.0	-	-	≤ 0.3
2.205		-	57-61	15-18	-	-	Rest/resto	-	-	-	-	-	≤ 0.3
2.300	gold solder saldatura in oro	38,5-39,5	Rest/resto	-	-	-	-	-	-	-	-	-	Au 33.0

analysis in weight % / análisis en % in peso

Non precious metal alloys / Leghe in metalli non preziosi

identification no. n. identificativo	material materiale	number numero	Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	others altri
3.000	CoCr alloy cromo cobalto	-	19-23	Rest 4-6	≤ 1.0	18-22	3-5	3-5	0.1-2.5 0.1-2.0	≤ 0.5	≤ 0.30	Rest	-	< 0.01	-	-	-	-
3.001		-	14-16	Rest	1.0 - 3.0	15-30 19-21	6-8	-	-	-	≤ 0.30	38-42	-	-	-	-	-	Be 0.01-0.09
3.002		-	-	27-31	≤ 1	28-32	4-6	-	-	≤1	≤ 0.35	31-35	-	-	-	-	-	-
3.100	titanium titanio	3.7025	-	≤ 0.20	-	-	-	-	Rest	-	≤ 0.08	-	-	-	≤ 0.10	≤ 0.013	≤0.05	
3.101		3.7065	-	≤ 0.35	-	-	-	-	Rest	-	≤ 0.10	-	-	-	≤ 0.30	≤ 0.013	≤0.07	-
3.102	TiAl6V4	3.7165	-	≤ 0.30	-	-	-	-	Rest	-	≤ 0.08	-	5,7-6.3	-	≤ 0.20	≤ 0.025	≤0.05	V 3,50 - 4,50
3.103	TiMo 11,5 Zr6 SN 4,5 Beta Titanium	-	-	0.35	-	-	10-13	-	Rest	-	0.10	-	-	-	≤ 0,2	≤ 0.025	≤ 0,05	Zr 5-7 Sn 4-5
3.200	NiTi alloy NiTi-Lega in nichel titanio	-	50-60	< 0.5	-	-	-	-	Rest	-	< 0.1	-	< 0,1	-	< 0,1	< 0.01	< 0,01	-
3.201	NiTiCu alloy NiTiCu-Lega in nichel-titanio-rame	-	50-60	< 0.5	-	-	-	-	Rest	-	< 0,1	-	< 0.1	-	< 0,1	< 0.01	< 0.01	Cu < 1.0

analysis in weight % / análisis en % in peso

Analysis of materials
Identificazione dei componenti

Plastics – Materie plastiche

identification no. n. identificativo	material	materiale	abbreviation abbreviazioni
4.000	epoxide	resina epossidica	EP
4.001	polyamide	resina poliamidica	PA
4.002	polycarbonate	policarbonato	PC
4.003	polyethylene with high density	polietilene ad alta densità	PE-HD
4.004	polyethylene with low density	polietilene ad bassa densità	PE-LD
4.005	polymethyl-methacrylate	polimetilmetacrilato	PMMA
4.006	polypropylene	polipropilene	PP
4.007	polystyrene	polistirolo	PS
4.008	polytetrafluor ethylene	tetrafluorietilene	PTFE
4.009	polyurethane	polieuretano	PUR
4.010	polyvinyl chloride	clorulo di vinile	PVC
4.100	acrylonitrile-butadiene-styrene	acrilonitrile butadien-stirene	ABS
4.101	ethylene/vinyl acetate	etilacetato-vinilico	EVA
4.200	synthetic isoprene rubber	gomma sintetica di isoprene	IR
4.201	natural rubber	gomma naturale	NR
4.202	silicone rubber	gomma siliconica	Q
4.203	silicone	silicone	SI

identification no. n. identificativo	material materiale	number numero	Al_2O_3	ZnO	MgO	Sonstige
5.000	aluminum oxide – ossido d'alluminio	–	99.99	–	–	≤ 0.01
5.001	molar bands cement – cemento per bande	–	–	80 – 86	6 – 10	≥ 10

Index English

Accessories	9.18
Activator tube	6.8
Adhesives	9.16
Aesthetic Kit	3.16
Aesthetic Line brackets	3.12
Aesthetic materials	3.1
Appliance for advancement of the mandible	8.24
Arch wire holder	5.9
Aspire Gold Ceramic brackets	3.4
Auxiliaries laboratory material	8.25 - 8.37
Band / bracket boxes	9.18 - 9.19
Bands	4.1
Bands special execution	4.18
Betaflex Titanium arches / wires	5.10
Big Foot Pad	4.17
BioCosmetic	5.8
Bio-High-Pull	6.10
Bio-Low-Cervical Pull	6.9
BioStarter/BioTorque/BioFinisher Archwires	5.5
BioLingual Archwires	1.33
Bite Jumping Screw	8.18
Bondable pads	4.24
Brackets accessories	2.18
Brackets Alexander system	2.14
Brackets Hilgers system	2.15
Brackets McLaughlin/Bennett/Trevisi system	2.9
Brackets metal	2.1 - 2.16
Brackets Roth system	2.4, 2.8 - 2.11
Brackets Micro Sprint	2.4
Brackets Sprint / Mini-Sprint	2.6 - 2.11
Brackets Standard Edgewise system	2.17
Brackets Standard Ricketts system	2.16
Brackets BioQuick/BioPassive	1.10 - 1.24
Brackets QuicKlear	1.6 - 1.9
Brillant brackets	3.8 - 3.11
Buccal tubes	4.1 - 4.23
Buccal tubes Alexander system	4.9
Buccal tubes Hilgers system	4.10
Buccal tubes McLaughlin/Bennett/Trevisi system	4.8
Buccal tubes Roth system	4.6
Buccal tubes special execution	4.12
Buccal tubes St.Edgewise/St.Ricketts system	4.11
Cement remover and prosthesis cleaner	8.35
Concentrates for colouring	8.30
Cross tube	5.15
Diastema / retraction screw	8.12
Dynamax appliance	8.23
Easy-Fit-Jumper / Williams-Appliance	8.21
Equipment for surgery and laboratory	9.20 - 9.22
Eruption chain	1.31
Expansion screws	8.1 - 8.18
Expansion screws for Bite Jumping Appliance	8.17
Expansion screw for a class III double plate	8.17
Facebow hinge	6.8
Facebows	6.7 - 6.13
FOR Elastics Fruit Line	6.6
Forestacryl	8.28
Forestaflex	5.14
Forestalloy	5.13
Forestanit wires and wire accessories	8.25 - 8.27
Frog-Appliance	8.19
Functional Mandibular Advancer (FMA)	8.20
GLAM-Brackets	3.2
Holder for pliers	9.14
Inlay pictures	8.31 - 8.32
Intra-Extra-Oral	6.1 - 6.13
Intra-Extra-Oral accessories	6.5
Laboratory material	7.18 - 7.30
Laser Facebow	6.7
Ligature elastics / chains	6.2 - 6.4
Ligature wires	5.18
Lingual brackets	1.28 - 1.37
Lingual buttons	1.35
Lingual cleats	4.33
Low-Cervical Pull	6.11
Materials for lingual technique	1.34
Materials for ni-free treatment	11.2 - 11.3
Medical grade Silicone	2.18
Memory expansion screw for Bite Jumping Appliance	8.6
Memory screws	8.5
Memory transversal expansion screw	8.7
Memory-Maker	1.37
Micro screws	8.15
Molar uprighting spring	5.19
Multi-sector screws	8.10
OrthoEasy Pins / OrthoEasy System	7.1 - 7.6
Palatal Bar	5.17
Palatal split screws	8.4 - 8.5
Pearls & Dents tooth paste	9.21
Pliers and instruments	9.1 - 9.15
Pop-boxes	8.37
Positioner blank	9.21
Poster and information material	10.1 - 10.5
Quad Helix	5.17
Quick Brackets	1.10 - 1.24
QuicKlear Brackets	1.6 - 1.9
Repair-acrylic liquid/powder	8.30
Retraction and torque arch	5.20
Roncone Prescription	1.21
Safe-Facebow-system	6.13
Screws for individual tooth movements	8.13 - 8.14
Silicon ligatures	6.4
Snap Lock Expander	8.3
Skeletal sector screws	8.9
Sliding hook	5.15
Special products	5.18 - 5.21
Special screws	8.16
Steel arches / steel wires	5.11
Stop tube	5.15
SMILE & SWING Prescription	1.24 - 1.27
Stress and tension gauge	5.15
Titanol Low-Force arches	5.7
Titanol Budget arches	5.9
Titanol Cosmetic arches	5.9
Titanol tension and compression springs	5.15
Titanol Triple-Force arches	5.8
Titanol wire coated in tooth colour	3.15
TRACK thermoforming foils and auxillaries	8.33 - 8.34
Traction and compression screws	8.11
Traction bands	6.12
Universal stainless steel expansion screws	8.8
Wires, arches and preformed wire accessories	5.1 - 5.17
Williams-Appliance / Easy-Fit-Jumper	8.21

Indice Italiano

Accessori	9.18
Accessori per studio e laboratorio	9.20 - 9.22
Adesivi	9.16
Aesthetik-Kit	3.16
Archi / fili Betaflex Titanio	5.10
Archi / fili in acciaio	5.11
Archi / fili Titanol	4.11
Archi Titanol con ricopertura estetica	3.14
Archi Titanol Low Force	5.7
Archi Titanol Budget	5.9
Archi Titanol Cosmetic	5.9
Archi Titanol Triple Force	5.8
Archi BioStarter/BioTorque/BioFinisher	5.5
Archi BioLingual	1.33
Arco a torque programmato di arretramento	5.20
Arco facciale di sicurezza	6.13
Aspire Gold Ceramic Brackets	3.4
Attacchi accessori	2.18
Attacchi Brillant	3.8 - 3.11
Attacchi BioQuick/BioPassive	1.10 - 1.24
Attacchi estetici	2.1 - 2.13
Attacchi metallo	2.1 - 2.16
Attacchi Micro Sprint	2.4
Attacchi QuicKlear	1.6 - 1.9
Attacchi sistema Alexander	2.14
Attacchi sistema Hilgers	2.15
Attacchi sistema McLaughlin/Bennett/Trevisi	2.9
Attacchi sistema Roth	2.4, 2.8 - 2.11
Attacchi sistema Standard Edgewise	2.17
Attacchi sistema Standard Ricketts	2.16
Attacchi Sprint / Mini-Sprint	2.6 - 2.11
Attacchi tecnica linguale	1.28 - 1.37
Attachi Aesthetic Line	3.12
Bande	4.1
Bande informazioni speciali	4.12
Barre palatali	5.17
Bases de cementado	4.17
BioCosmetic	5.8
Big Foot Pad	4.24
Bio-High-Pull	6.10
Bio-Low-Cervical Pull	6.9
Bite Jumping Screw	8.18
Bottone linguale	1.35
Catena di trazione	1.31
Cerniera di avanzamento della mandibola	8.24
Cerniere par archi facciali	6.8
Cofanetto per bande / brackets	9.18 - 9.19
Colombelle preformate / filo per legature	5.18
Dinamometro	9.14
Dispenser per archi	5.9
Dispositivo Dynamax	8.23
Dispositivo Williams / Easy-Fit-Jumper	8.21
Easy-Fit-Jumper / Dispositivo Williams	8.21
Facebows	6.7 - 6.13
Fasce di trazione cervicale	6.12
Figurine assortite	8.31 - 8.32
Fili, archi e accessori preformati	5.1 - 5.17
FOR Elastics Fruit Line	6.6
Forestacryl	8.28
Forestaflex	5.14
Forestalloy	5.13
Forestanit fili e accessori preformati	8.25 - 8.27
Functional Mandibular Advancer (FMA)	8.20
GLAM-Brackets	3.2
Gancio	5.15
Intra-Extra-Oral	6.1 - 6.13
Laser Facebow	6.7
Legature elastiche	6.2 - 6.4
Legature Silicon	6.4
Liquido detergente per apparecchi ortodontici	8.35
Low-Cervical Pull	6.11
Materiale da laboratorio	8.25 - 8.37
Materiale per trattamenti anallergici (senza nichel)	11.2 - 11.3
Materiale tecnica linguale	1.34
Memory-Maker	1.37
Microviti	8.15
Microviti per movimenti di denti singoli	8.13 - 8.14
Molla di trazione e compressione	5.16
Molla per il raddrizzamento dei molari	5.19
OrthoEasy Pins / OrthoEasy System	7.1 - 7.6
Pads adesivi	4.24
Pearls & Dents dentifricio	9.21
Pinze, strumenti	9.1 - 9.15
Pop-boxes	8.37
Porta pinze	9.14
Posizionatori trasparenti	9.21
Poster e materiale informativo	10.1 - 10.5
Prodotti speciali	5.18 - 5.22
Quad Helix	5.17
Quick Brackets	1.10 - 1.24
QuicKlear Brackets	1.6 - 1.9
Ranocchio	8.19
Resina per riparazioni	8.30
Roncone Prescription	1.21
Silicone medicale	2.18
Snap Lock Expander	8.3
Super colori concentrati	8.30
SMILE & SWING Prescription	1.24 - 1.27
TRACK dischi termoformabili / Accessori	8.33 - 8.34
Tubi buccali	4.1 - 4.23
Tubi buccali informazione speciali	4.18
Tubi buccali sistema Alexander	4.9
Tubi buccali sistema Hilgers	4.10
Tubi buccali sistema McLaughlin/Bennett/Trevisi	4.8
Tubi buccali sistema Roth System	4.6
Tubi buccali sistema St.Edgewise/St.Ricketts	4.11
Tubi di attivazione	6.8
Tubi palatali	4.33
Tubo a croce	5.15
Tubo di stop	5.15
Vite Memory	8.5
Vite Memory ad espansione trasversale	8.7
Vite per diastemi - per retrazione	8.12
Vite per trazione e compressione	8.11
Vite universale ad espansione in acciaio inossidabile	8.9
Viti da espansione	8.1 - 8.18
Viti multisettore	8.10
Viti per disgiunzione della suture palatale	8.4 - 8.5
Viti settorali	8.9
Viti speciali	8.16
Viti ad espansione per apparecchi saltamorso	8.17
Viti Memory ad espansione per saltamorso	8.6
Viti ad espansione per le terze classi	8.17

Numerical index
Índice numérico

Order No.	page pagina
100-0001	8.37
100-0003	8.13
100-0004	8.13
100-0006	8.13
100-0007	8.13
100-0008	8.13
100-0009	8.5
100-0014	8.17
100-0016	8.37/10.7
100-0020	8.14
100-0023	8.37
100-0041	10.7
100-0051	8.37
100-0052	8.37
100-0068	1.30/10.2
100-0071	10.3
100-0074	10.6
100-0075	10.6
100-0076	10.6
100-0077	10.5
100-0078	10.5
100-0079	1.34/10.4
100-0080	10.5
100-0083	1.34/10.4
100-0086	1.30/10.2
100-0094	1.30/10.2
100-0095	1.30/10.2
100-0101	10.3
100-0102	10.4
100-0103	10.3
100-0104	10.3
100-0105	10.4
100-0110	1.28
100-1523	8.19
100-2000	8.8
100-2001	8.17
100M2015	8.7
100M2016	8.6
100T2000	8.8
105-1310	8.16
105-1320	8.16
106-2020	8.16
109-0410	8.13
109-0600	8.14
109-0610	8.13
109-1621	8.14
109-1622	8.14
130-2000	8.8
134-1014	8.9
134-1016	8.9
134-1314	8.9
134-1315	8.9
134-1316	8.9
136-1711	8.10
139-1311	8.11
139-2215	8.11
139-2615	8.11
150-2000	8.8
150-2011	8.8
165-1312	8.10
165-1412	8.10
165M1413	8.7
167-1323	8.4
167-1326	8.4
167-1633	8.4
167M1529	8.5
168M1326	8.6
169-1000	8.19
169-1323	8.4
169-1325	8.17
169-1523	8.19
169-2622	8.17
169-5000	8.19
169M1343	8.6
170-1118	8.15
174-1217	8.15
175-1318	8.12
179-0617	8.13
179-0618	8.13
179-1017	8.13
179-1117	8.12
179-1119	8.12
179-1317	8.15
179M0718	8.7
198-1223	8.5
198-1623	8.5
199-2622	8.18
200-0005	5.8
200-0006	5.8
200-0007	5.8
200-2240	5.13
200-2355	5.13
200-3340	5.13
200-3345	5.13
200-8040	5.13
200-8140	5.13
200-8240	5.13
200-8340	5.13
201-3540	5.11
201-3640	5.11
201-3740	5.11
201-3743	5.11
201-3748	5.11
201-3754	5.11
201-3840	5.11
201-3843	5.11
201-3848	5.11
201-3854	5.11
202-3540	5.11
202-3640	5.11
202-3740	5.11
202-3743	5.11
202-3745	5.11
202-3748	5.11
202-3754	5.11
202-3840	5.11
202-3843	5.11
202-3845	5.11
202-3848	5.11
202-3854	5.11
202-3940	5.11
202-3945	5.11
202-4040	5.11
202-4045	5.11
203-0825	5.5
203-0830	1.23/5.5
203-0835	1.23/5.5
203-0840	1.23/5.5
203-0845	1.23/5.5
203-0925	5.5
203-0930	1.23
203-0935	1.23/5.5
203-0940	1.23/5.5
203-0945	1.23/5.5
203-1440	1.23/5.5
203-1445	1.23/5.5
203-1450	1.23/5.5
203-1540	1.23/5.5
203-1545	1.23/5.5
203-1550	1.23/5.5
203-1825	5.5
203-1830	5.5
203-1835	5.5
203-1840	5.5
203-1845	5.5
203-1925	5.5
203-1930	5.5
203-1935	5.5
203-1940	5.5
203-1945	5.5
203-2035	5.5
203-2040	5.5
203-2044	5.5
203-2046	5.5
203-2048	5.5
203-2053	5.5
203-2054	5.5
203-2135	5.5
203-2140	5.5
203-2144	5.5
203-2146	5.5
203-2148	5.5
203-2153	5.5
203-2154	5.5
203-2440	5.5
203-2540	5.5
203-3440	5.5
203-3445	5.5
203-3450	5.5
203-3540	5.5
203-3545	5.5
203-3550	5.5
203-4035	5.5
203-4040	5.5
203-4044	5.5
203-4046	5.5
203-4048	5.5
203-4053	5.5
203-4054	5.5
203-4135	5.5
203-4140	5.5
203-4144	5.5
203-4146	5.5
203-4148	5.5
203-4153	5.5
203-4154	5.5
203-4440	5.5
203-4540	5.5
204-0830	5.9
204-0835	5.9
204-0840	5.9
204-0845	5.9
204-0930	5.9
204-0935	5.9
204-0940	5.9
204-0945	5.9
204-1440	5.9
204-1540	5.9
204-2040	5.9
204-2043	5.9
204-2044	5.9
204-2046	5.9
204-2140	5.9
204-2143	5.9
204-2144	5.9
204-2146	5.9
205-0840	5.12
205-0845	5.12
205-0940	5.12
205-0945	5.12
205-1440	5.12
205-1540	5.12
205-2040	5.12
205-2044	5.12
205-2140	5.12
205-2144	5.12
205-7044	5.12
205-7144	5.12
206-0830	5.9
206-0835	5.9
206-0840	5.9
206-0930	5.9
206-0935	5.9
206-0940	5.9
206-1440	5.9
206-1540	5.9
206-2040	5.9
206-2046	5.9
206-2140	5.9
206-2146	5.9
207-0835	3.15/5.8
207-0840	3.15/5.8
207-0845	3.15/5.8
207-0850	3.15/5.8
207-0935	3.15/5.8
207-0940	3.15/5.8
207-0945	3.15/5.8
207-0950	3.15/5.8
207-1445	3.15/5.8
207-1545	3.15/5.8
207-2045	3.15/5.8
207-2145	3.15/5.8
210-2040	5.19
210-2044	5.19
210-2046	5.19
210-3040	5.19
212-2070	8.25
212-2080	8.25
212-2090	8.25
212-3070	8.25
212-3080	8.25
212-3090	8.25
212-5070	8.26
212-6070	8.26
212-6080	8.26
212-8070	8.26
213-2050	8.25
213-2060	8.25
213-2070	8.25
213-2080	8.25
213-2090	8.25
213-2100	8.25
213-3060	8.25
213-3070	8.25
213-3080	8.25
213-3090	8.25
213-3100	8.25
213-3110	8.25
213-3120	8.25
213-5070	8.26
213-6070	8.26
213-6080	8.26
213-6090	8.26
213-7070	8.26
213-7080	8.26
213-7090	8.26
213-8070	8.26
217-0845	3.14/5.8
217-0850	3.14/5.8
217-0945	3.14/5.8
217-0950	3.14/5.8
217-1440	3.14/5.8
217-1540	3.14/5.8
217-1845	3.14/5.8
217-1850	3.14/5.8
217-1945	3.14/5.8
217-1950	3.14/5.8
217-2040	3.14/5.8
217-2046	3.14/5.8
217-2140	3.14/5.8
217-2146	3.14/5.8
217-3440	3.14/5.8
217-3540	3.14/5.8
217-4040	3.14/5.8
217-4046	3.14/5.8
217-4140	3.14/5.8
217-4146	3.14/5.8
219-4040	5.11
219-4045	5.11
219-4455	5.11
220-4055	1.36/5.10
220-4081	5.10
220-4563	5.10
222-4040	5.12
232-4400	5.12
239-4435	5.11
243-2070	8.25
243-2080	8.25
243-2090	8.25
244-1440	5.9
244-1540	5.9
244-2040	5.9
244-2046	5.9
244-2140	5.9
244-2146	5.9
253-4038	5.13
254-2640	5.12
254-2648	5.12
254-2840	5.12
254-2848	5.12
254-3040	5.12
254-3048	5.12
254-3240	5.12
254-3448	5.12
254-3648	5.12
254-3848	5.12
254-4048	5.12
261-4040	1.39/2.18
263-4040	5.13
264-1029	5.13
270-0025	1.36
270-0030	1.36
270-0035	1.36
270-0040	1.36
270-0125	1.36

Numerical index
Índice numérico

Order No.	page pagina
270-0130	1.36
270-0135	1.36
270-0140	1.36
270-0225	1.36
270-0230	1.36
270-0235	1.36
270-0240	1.36
270-0325	1.36
270-0330	1.36
270-0335	1.36
270-0340	1.36
270-0425	1.36
270-0430	1.36
270-0435	1.36
270-0440	1.36
270-0525	1.36
270-0530	1.36
270-0535	1.36
270-0540	1.36
270-0625	1.36
270-0630	1.36
270-0635	1.36
270-0640	1.36
272-0825	1.36
272-0830	1.36
272-0835	1.36
272-0840	1.36
272-0925	1.36
272-0930	1.36
272-0935	1.36
272-0940	1.36
272-1440	1.36
272-1540	1.36
272-2040	1.36
272-2140	1.36
276-1440	5.7
276-1540	5.7
276-2041	5.7
276-2046	5.7
276-2141	5.7
276-2146	5.7
280-0840	5.6
280-0940	5.6
280-1440	5.6
280-1540	5.6
280-2040	5.6
280-2046	5.6
280-2140	5.6
280-2146	5.6
281-1440	5.6
281-1540	5.6
281-2040	5.6
281-2046	5.6
281-2140	5.6
281-2146	5.6
282-0840	5.10
282-0845	5.10
282-0940	5.10
282-0945	5.10
282-2040	5.10
282-2042	5.10
282-2043	1.23/5.10
282-2046	5.10
282-2048	5.10
282-2054	5.10
282-2140	5.10
282-2142	5.10
282-2143	5.10
282-2146	5.10
282-2148	5.10
282-2154	5.10
283-0840	5.10
283-0845	5.10
283-0940	5.10
283-0945	5.10
283-2040	5.10
283-2042	5.10
283-2043	5.10
283-2046	5.10
283-2048	5.10
283-2054	5.10
283-2140	5.10
283-2142	5.10
283-2143	5.10
283-2146	5.10
283-2148	5.10
283-2154	5.10
301-1709	8.27
301-1710	8.27
302-2702	8.27
302-2803	8.27
302-2904	8.27
303-2701	8.27
303-2802	8.27
305-2505	8.27
305-2606	8.27
305-2608	8.27
306-2701	8.27
307-1009	5.18
307-1010	5.18
307-1011	5.18
307-1012	5.18
307-1013	5.18
307-1015	5.20
307-1051	5.20
307-1051	1.29
307-1052	1.29
307-1060	5.14
307-1061	7.6
307-1062	7.6
307-1065	5.14
307-1070	7.6
307-1523	8.19
308-2203	8.27
308-2204	8.27
308-2205	8.27
309-2805	8.27
311-1026	5.15
311-1027	5.15
311-1028	5.15
311-1029	5.15
311-1030	5.15
311-1031	5.15
311-2001	5.15
311-2020	5.15
312-1001	5.17
312-1002	5.17
312-1004	5.17
312-1005	5.17
312-1006	5.17
312-1007	5.17
312-1008	5.17
312-1009	5.17
312-1010	5.17
312-1011	5.17
313-1937	5.16
313-1941	5.16
313-1945	5.16
315-1001	5.16
315-1002	5.16
315-1003	5.16
316-1010	8.23
316-1020	8.23
320-0100	8.24
320-0101	8.24
320-0102	8.24
320-0103	8.24
320-0104	8.22
320-0105	8.22
320-0106	8.24
320-0107	8.24
320-0108	8.24
320-0109	8.22
321-0100	8.22
321-0105	8.22
321-0106	8.22
321-0107	8.22
321-0108	8.22
323-0105	8.22
330-0100	8.20
401-0010	8.28
401-0021	8.28
402-0010	8.28
402-0011	8.28
402-0022	8.28
402-0023	8.28
403-0010	8.29
403-0011	8.29
403-0020	8.29
404-0010	8.30
407-0001	8.30
407-0002	8.30
407-0003	8.30
407-0004	8.30
407-0007	8.30
407-0008	8.30
407-0028	8.35
407-0029	8.35
407-0100	8.32
407-0504	8.32
407-0505	8.32
407-0507	8.31
407-0508	8.31
407-0511	8.32
407-0514	8.32
407-0519	8.31
407-0520	8.31
407-0522	8.31
407-0524	8.31
407-0525	8.31
407-0527	8.31
407-0528	8.31
407-0531	8.31
407-0536	8.31
407-0537	8.31
407-0539	8.31
407-0540	8.31
407-0541	8.31
407-0542	8.31
408-0105	8.33
408-0106	8.33
408-0108	8.33
408-0110	8.33
408-0115	8.33
408-0220	8.33
408-0305	8.33
408-0306	8.33
408-0310	8.33
408-0515	8.33
408-0520	8.33
408-0530	8.33
408-0610	8.33
408-0700	8.33
408-0705	8.34
408-0706	8.34
411-0001	8.36
412-0001	8.36
413-0011	1.39/2.18
414-0002	8.35
416-0001	8.36
416-0010	8.36
416-1000	8.36
416-1001	8.29
422-1402	9.17
422-6002	9.16
422-6203	9.16
422-6302	9.17
422-6602	9.16
424-0001	9.20
426-0002	9.17
426-0100	8.35
431-0002	9.18
435-0001	9.20
435-0005	1.37
436-0001	9.20
501-0101	9.15
501-0103	9.15
501-0202	9.2
501-0204	9.15
501-0210	9.3
501-0211	9.4
501-0223	1.37/9.10
501-0224	1.37/9.10
501-0225	1.37/9.10
501-0402	9.2
501-0405	9.2
501-0502	9.4
501-0503	9.4
501-0701	9.3
501-0705	9.11
501-0707	9.3
501-0708	9.11
501-0709	8.5/9.2
501-0710	1.37/9.5
501-0711	1.37/9.5
501-0801	9.6
501-0802	9.6
501-0805	9.5
501-0806	9.5
501-0807	9.5
501-0808	9.8
501-0809	9.6
501-0810	9.7
501-0815	9.9
501-0816	9.9
501-0819	9.6
501-0820	9.8
501-0821	9.7
501-0822	9.8
501-0825	9.9
501-0828	9.13
501-0830	9.11
501-0833	1.37/9.13
501-0834	9.12
501-0838	6.5/9.12
501-0839	9.8
501-0840	1.37/9.11
501-0842	9.14
501-0843	1.37/9.12
501-0845	1.37/9.7
501-0846	9.13
501-0854	2.19
501-0855	9.13
501-0861	1.9/9.14
501-0863	1.38
501-0864	9.4
501-0865	9.7
501-0866	9.10
501-0867	9.10
501-0868	9.13
501-0869	6.5/9.12
501-0870	9.12
501-0871	9.16
501-0874	9.8
501-0877	8.35/9.15
501-0878	8.35/9.15
501-0879	1.38
501-0935	1.37
501-1843	9.14
505-0002	9.14
506-0001	9.16
601-1020	6.7
601-1320	6.7
601-2020	6.7
601-3021	6.7
601-3022	6.7
601-3023	6.7
601-3024	6.7
601-3025	6.7
601-3322	6.7
601-3323	6.7
601-3324	6.7
601-4023	6.7
603-0103	6.11
603-0104	6.9
603-0105	6.9
603-0106	6.9
603-0107	6.9
603-5020	6.11
604-0002	6.12
606-0130	6.13
606-0240	6.10
611-0001	6.11
611-0025	6.13
611-0042	6.12
611-0240	6.10
611-1001	6.11
611-1009	6.13
611-1010	6.9
611-1013	6.9
612-0003	6.13
613-0001	6.13
613-0009	6.12
613-0010	6.12
613-0012	6.12

Numerical index
Índice numérico

Order No.	page pagina
614-0001	6.12
614-0003	6.12
615-0003	6.8
650-0009	6.2
650-1001	6.6
650-1002	6.6
650-1003	6.6
650-1006	6.6
650-1011	6.6
650-1012	6.6
650-1013	6.6
650-1016	6.6
650-1021	6.6
650-1022	6.6
650-1023	6.6
650-1026	6.6
650-4001	6.6
650-4002	6.6
650-4003	6.6
650-4006	6.6
650-4011	6.6
650-4012	6.6
650-4013	6.6
650-4016	6.6
650-4021	6.6
650-4022	6.6
650-4023	6.6
650-4026	6.6
652-0002	6.5
653-0001	6.2
654-0001	5.19
655-0001	6.4
655-0002	6.4
655-0003	6.4
655-0010	6.4
655-0015	1.37/2.20/6.4
655-0100	3.16/6.4
657-0002	6.5
658-0002	6.5
659-0001	6.4
659-0008	6.2
659-0009	6.2
659-0010	6.2
659-0011	6.2
659-0012	6.2
659-0013	6.2
659-0014	6.2
659-0015	6.2
659-0016	6.2
659-0017	6.2
659-0018	6.2
659-0019	6.2
659-0020	6.2
659-0021	6.2
659-0100	6.3
659-0101	6.3
659-0102	6.3
659-0103	6.3
659-0104	6.3
659-0105	6.3
659-0106	6.3
659-0107	6.3
659-0108	6.3
659-0109	6.3
659-0110	6.3
659-0111	6.3
659-0112	6.3

Order No.	page pagina
659-0113	6.3
659-0114	6.3
659-0116	6.3
659-0200	2.20/6.2
659-0201	2.20/6.2
659-0202	2.20/6.2
706-0185	2.12
706-0186	2.12
706-0187	2.12
706-0190	2.12
706-0191	2.12
706-0192	2.12
706-0195	2.12
706-0196	2.12
706-0197	2.12
706-0200	2.12
706-0201	2.12
706-0202	2.12
706-0209	2.17
706-0210	2.17
706-0211	2.17
706-0212	2.17
706-0215	2.17
706-0216	2.17
706-0219	2.16
706-0220	2.16
706-0221	2.16
706-0277	2.14
706-0278	2.14
706-0279	2.14
706-0287	2.16
706-0288	2.16
706-0289	2.16
706-0297	2.15
706-0298	2.15
706-0299	2.15
706-0343	3.12
706-0344	3.12
706-0345	3.12
706-0348	3.12
706-0349	3.12
706-0350	3.12
706-0411	2.16
706-0412	2.16
706-0413	2.16
706-0416	2.16
706-0417	2.16
706-0418	2.16
706-0421	3.12
706-0422	3.12
706-0423	3.12
706-0426	3.12
706-0427	3.12
706-0428	3.12
706-0431	3.13
706-0432	3.13
706-0433	3.13
706-0441	3.13
706-0442	3.13
706-0443	3.13
706-0451	2.14
706-0452	2.14
706-0453	2.14
706-0466	3.13
706-0467	3.13
706-0468	3.13
706-0471	3.9

Order No.	page pagina
706-0472	3.9
706-0473	3.9
706-0476	3.9
706-0477	3.9
706-0478	3.9
706-0481	3.9
706-0482	3.9
706-0483	3.9
706-0484	3.9
706-0491	3.9
706-0492	3.9
706-0493	3.9
706-0496	3.9
706-0497	3.9
706-0498	3.9
706-0516	2.12
706-0517	2.12
706-0518	2.12
706-0526	2.12
706-0527	2.12
706-0528	2.12
706-0551	2.13
706-0552	2.13
706-0553	2.13
706-0556	2.13
706-0557	2.13
706-0558	2.13
706-0561	2.13
706-0562	2.13
706-0563	2.13
706-0636	2.11
706-0637	2.11
706-0638	2.11
706-0641	2.11
706-0642	2.11
706-0643	2.11
706-0646	2.11
706-0647	2.11
706-0648	2.11
706-0651	2.11
706-0652	2.11
706-0653	2.11
706-0656	2.11
706-0657	2.11
706-0658	2.11
706-0661	2.11
706-0662	2.11
706-0663	2.11
706-0666	3.10
706-0667	3.10
706-0668	3.10
706-0671	3.10
706-0672	3.11
706-0673	3.11
706-0674	3.11
706-0677	3.11
706-0678	3.11
706-0679	3.11
706-0680	3.11
706-0683	3.11
706-0700	3.5
706-0701	3.5
706-0702	3.5
706-0705	3.5
706-0706	3.5
706-0707	3.5
706-0710	3.5

Order No.	page pagina
706-0711	3.5
706-0712	3.5
706-0715	3.5
706-0716	3.5
706-0717	3.5
706-0720	3.5
706-0721	3.5
706-0722	3.5
706-0725	3.5
706-0726	3.5
706-0727	3.5
706-0731	3.5
706-0732	3.5
706-0733	3.5
706-0734	3.5
706-0735	3.6
706-0736	3.6
706-0737	3.6
706-0740	3.6
706-0741	3.6
706-0742	3.6
706-0745	3.6
706-0746	3.6
706-0747	3.6
706-0750	3.6
706-0751	3.6
706-0837	1.16
706-0838	1.16
706-0839	1.16
706-0842	1.16
706-0843	1.16
706-0844	1.16
706-0847	1.16
706-0848	1.16
706-0849	1.16
706-0852	1.16
706-0853	1.16
706-0854	1.16
706-0857	1.16
706-0858	1.16
706-0859	1.16
706-0862	1.16
706-0863	1.16
706-0864	1.16
706-0869	1.32
706-0870	1.32
706-0871	1.32
706-0874	1.32
706-0875	1.32
706-0876	1.32
706-0901	1.35
706-0903	1.35
706-0904	1.35
706-0905	1.35
706-0907	1.35
706-0910	1.35
706-0971	1.15
706-0972	1.15
706-0973	1.15
706-0976	1.15
706-0977	1.15
706-0978	1.15
706-0981	1.15
706-0982	1.15
706-0983	1.15
706-0986	1.15
706-0987	1.15

Order No.	page pagina
706-0988	1.15
706-0991	1.15
706-0992	1.15
706-0993	1.15
706-0996	1.15
706-0997	1.15
706-0998	1.15
706-1001	2.8
706-1002	2.8
706-1003	2.8
706-1006	2.8
706-1007	2.8
706-1008	2.8
706-1011	2.8
706-1012	2.8
706-1013	2.8
706-1016	2.8
706-1017	2.8
706-1018	2.8
706-1021	2.8
706-1022	2.8
706-1023	2.8
706-1026	2.8
706-1027	2.8
706-1028	2.8
706-1031	2.9
706-1032	2.9
706-1033	2.9
706-1036	2.9
706-1037	2.9
706-1038	2.9
706-1041	2.9
706-1042	2.9
706-1043	2.9
706-1046	2.9
706-1047	2.9
706-1048	2.9
706-1051	2.9
706-1052	2.9
706-1053	2.9
706-1056	2.9
706-1057	2.9
706-1058	2.9
706-1070	1.25
706-1071	1.25
706-1072	1.25
706-1073	1.25
706-1074	1.25
706-1075	1.25
706-1076	1.25
706-1077	1.25
706-1078	1.25
706-1079	1.25
706-1080	1.25
706-1081	1.25
706-1082	1.25
706-1083	1.25
706-1084	1.25
706-1085	1.25
706-1086	1.25
706-1087	1.25
706-6000	1.23
706-6001	1.23
706-6002	1.23
706-6003	1.23
706-6004	1.23
706-6005	1.23

Numerical index
Índice numérico

Order No.	page pagina
706-6006	1.23
706-6007	1.23
706-6008	1.23
706-6009	1.23
706-6010	1.23
706-6011	1.23
706-6012	1.23
706-6013	1.23
706-6014	1.23
706-6015	1.23
706-6016	1.23
706-6017	1.23
706P0837	1.20
706P0838	1.20
706P0839	1.20
706P0842	1.20
706P0843	1.20
706P0844	1.20
706P0847	1.20
706P0848	1.20
706P0849	1.20
706P0852	1.20
706P0853	1.20
706P0854	1.20
706P0857	1.20
706P0858	1.20
706P0859	1.20
706P0862	1.20
706P0863	1.20
706P0864	1.20
706P0971	1.19
706P0972	1.19
706P0973	1.19
706P0976	1.19
706P0977	1.19
706P0978	1.19
706P0981	1.19
706P0982	1.19
706P0983	1.19
706P0986	1.19
706P0987	1.19
706P0988	1.19
706P0991	1.19
706P0992	1.19
706P0993	1.19
706P0996	1.19
706P0997	1.19
706P0998	1.19
706V6000	1.23
706V6001	1.23
706V6002	1.23
706V6003	1.23
706V6004	1.23
706V6005	1.23
706V6006	1.23
706V6007	1.23
706V6008	1.23
706V6009	1.23
706V6010	1.23
706V6011	1.23
706V6012	1.23
706V6013	1.23
706V6014	1.23
706V6015	1.23
706V6016	1.23
706V6017	1.23
706X0837	1.17

Order No.	page pagina
706X0838	1.17
706X0839	1.17
706X0842	1.17
706X0843	1.17
706X0844	1.17
706X0847	1.17
706X0848	1.17
706X0849	1.17
706X0852	1.17
706X0853	1.17
706X0854	1.17
706X0857	1.17
706X0858	1.17
706X0859	1.17
706X0862	1.17
706X0863	1.17
706X0864	1.17
706X0971	1.17
706X0972	1.17
706X0973	1.17
706X0976	1.17
706X0977	1.17
706X0978	1.17
706X0981	1.17
706X0982	1.17
706X0983	1.17
706X0986	1.17
706X0987	1.17
706X0988	1.17
706X0991	1.17
706X0992	1.17
706X0993	1.17
706X0996	1.17
706X0997	1.17
706X0998	1.17
707-0003	1.35
707-0004	1.35
707-0033	1.35
707-0046	1.35
707-0133	1.35
707-0146	1.35
707-1018	1.12
707-1019	1.12
707-1020	1.12
707-1022	1.12
707-1023	1.12
707-1024	1.12
707-1025	1.12
707-1026	1.12
707-1027	1.12
707-1028	1.12
707-1029	1.12
707-1030	1.12
707-1118	1.12
707-1119	1.12
707-1120	1.12
707-1122	1.12
707-1123	1.12
707-1124	1.12
707-1125	1.12
707-1126	1.12
707-1127	1.12
707-1128	1.12
707-1129	1.12
707-1130	1.12
707-1131	2.6
707-1132	2.6

Order No.	page pagina
707-1133	2.6
707-1134	2.6
707-1135	2.6
707-1136	2.6
707-1231	2.7
707-1232	2.7
707-1233	2.7
707-1234	2.7
707-1235	2.7
707-1236	2.7
707-1503	1.33
707-1504	1.33
707-1505	1.33
707-2000	1.38/ 3.16
707-5018	1.13
707-5019	1.13
707-5020	1.13
707-5022	1.13
707-5023	1.13
707-5024	1.13
707-5025	1.13
707-5026	1.13
707-5027	1.13
707-5028	1.13
707-5029	1.13
707-5030	1.13
707-5050	1.13
707-5055	1.13
707-5056	1.13
707-5057	1.13
707-5058	1.13
707-5059	1.13
707-5060	1.14
707-5061	1.14
707-5150	1.13
707-5152	1.13
707-5153	1.13
707-5154	1.13
707-5158	1.13
707-5159	1.13
707-5518	1.13
707-5519	1.13
707-5520	1.13
707-5522	1.13
707-5523	1.13
707-5524	1.13
707-5525	1.13
707-5526	1.13
707-5527	1.13
707-5528	1.13
707-5529	1.13
707-5530	1.13
727-0711	4.8
727-0712	4.8
727-0713	4.8
727-0714	4.8
727-0725	4.8
727-0726	4.8
727-0727	4.8
727-0728	4.8
727-0801	4.8
727-0802	4.8
727-0802	4.16
727-0803	4.8
727-0804	4.8
727-0804	4.16
727-1701	4.8

Order No.	page pagina
727-1702	4.8
727-1703	4.8
727-1704	4.8
727-1801	4.8
727-1802	4.8
727-1802	4.17
727-1803	4.8
727-1804	4.8
727-1804	4.17
727B0712	4.20
727B0726	4.20
727B0802	4.20
727B1702	4.20
727B1802	4.20
727L0802	4.21
727L1802	4.21
727M0712	4.24
727M0802	4.24
727M1702	4.24
727M1802	4.24
728-0711	4.8
728-0712	4.8
728-0713	4.8
728-0714	4.8
728-0725	4.8
728-0726	4.8
728-0727	4.8
728-0728	4.8
728-0801	4.8
728-0802	4.8
728-0802	4.16
728-0803	4.8
728-0804	4.8
728-0804	4.16
728-1701	4.8
728-1702	4.8
728-1703	4.8
728-1704	4.8
728-1801	4.8
728-1802	4.8
728-1802	4.17
728-1803	4.8
728-1804	4.8
728-1804	4.17
728B0712	4.20
728B0726	4.20
728B0802	4.20
728B1702	4.20
728B1802	4.20
728L0802	4.21
728L1802	4.21
728M0712	4.24
728M0802	4.24
728M1702	4.24
728M1802	4.24
730-0101	1.15
730-0103	1.15
730-0201	1.15
730-0203	1.15
730-0301	1.15
730-0303	1.15
730-0311	1.15
730-0313	1.15
730-0501	1.15
730-0503	1.15
730-0511	1.15
730-0513	1.15

Order No.	page pagina
730-0711	1.17/4.8
730-0713	1.17/4.6
730-0731	4.6
730-0733	4.6
730-1201	1.15
730-1203	1.15
730-1401	1.15
730-1403	1.15
730-1411	1.15
730-1413	1.15
730-1413	1.27
730-1501	1.7
730-1503	1.7
730-1511	1.7
730-1513	1.7
730-1601	1.7
730-1603	1.7
730-1611	1.7
730-1613	1.7
730-1711	1.17
730-1713	1.17/4.7
730-1731	4.7
730-1733	4.7
730B0732	4.19
730B0732	4.20
730B0734	4.19
730B0734	4.20
730B1732	4.19
730B1732	4.20
730B1734	4.19
730B1734	4.20
730P0101	1.19
730P0103	1.19
730P0201	1.19
730P0203	1.19
730P0301	1.19
730P0303	1.19
730P0311	1.19
730P0313	1.19
730P0501	1.19
730P0503	1.19
730P0511	1.19
730P0513	1.19
730P1201	1.19
730P1203	1.19
730P1401	1.19
730P1403	1.19
730P1411	1.19
730P1413	1.19
730P1501	1.19
730P1503	1.19
730P1511	1.19
730P1513	1.19
730P1601	1.19
730P1603	1.19
730P1611	1.19
730P1613	1.19
731-0101	1.15
731-0103	1.15
731-0201	1.15
731-0203	1.15
731-0301	1.15
731-0303	1.15
731-0311	1.15
731-0313	1.15
731-0501	1.15
731-0503	1.15

Numerical index
Índice numérico

Order No.	page pagina
731-0511	1.15
731-0513	1.15
731-0711	1.17/4.8
731-0713	1.17
731-0731	4.6
731-0733	4.6
731-1401	1.15
731-1403	1.15
731-1411	1.15
731-1413	1.15
731-1501	1.7
731-1503	1.7
731-1511	1.7
731-1513	1.7
731-1601	1.7
731-1603	1.7
731-1611	1.7
731-1613	1.7
731-1711	1.17
731-1713	1.17
731-1731	4.7
731-1733	4.7
731B0732	4.19/4.20
731B0734	4.19/4.20
731B1732	4.19/4.20
731B1734	4.19/4.20
731P0101	1.19
731P0103	1.19
731P0201	1.19
731P0203	1.19
731P0301	1.19
731P0303	1.19
731P0311	1.19
731P0313	1.19
731P0501	1.19
731P0503	1.19
731P0511	1.19
731P0513	1.19
731P1401	1.19
731P1403	1.19
731P1411	1.19
731P1413	1.19
731P1501	1.19
731P1503	1.19
731P1511	1.19
731P1513	1.19
731P1601	1.19
731P1603	1.19
731P1611	1.19
731P1613	1.19
732-0005	5.19
732-0006	5.19
732-0101	1.16
732-0103	1.16
732-0201	1.16
732-0203	1.16
732-0301	1.16
732-0303	1.16
732-0311	1.16
732-0313	1.16
732-0401	1.16
732-0403	1.16
732-0411	1.16
732-0413	1.16
732-0501	1.16
732-0503	1.16
732-0511	1.16
732-0513	1.16
732-1201	1.16/1.25
732-1203	1.16/1.25
732-1401	1.16
732-1403	1.16
732-1411	1.16
732-1413	1.16
732-1501	1.8
732-1503	1.8
732-1511	1.8
732-1513	1.8
732-1601	1.8
732-1603	1.8
732-1611	1.8
732-1613	1.8
732P0101	1.20
732P0103	1.20
732P0201	1.20
732P0203	1.20
732P0301	1.20
732P0303	1.20
732P0311	1.20
732P0313	1.20
732P0401	1.20
732P0403	1.20
732P0411	1.20
732P0413	1.20
732P0501	1.20
732P0503	1.20
732P0511	1.20
732P0513	1.20
732P1201	1.20
732P1203	1.20
732P1401	1.20
732P1403	1.20
732P1411	1.20
732P1413	1.20
732P1501	1.20
732P1503	1.20
732P1511	1.20
732P1513	1.20
732P1601	1.20
732P1603	1.20
732P1611	1.20
732P1613	1.20
733-0101	1.16
733-0103	1.16
733-0201	1.16
733-0203	1.16
733-0301	1.16
733-0303	1.16
733-0311	1.16
733-0313	1.16
733-0401	1.16
733-0403	1.16
733-0411	1.16
733-0413	1.16
733-0501	1.16
733-0503	1.16
733-0511	1.16
733-0513	1.16
733-1401	1.16
733-1403	1.16
733-1411	1.16
733-1413	1.16
733-1501	1.8
733-1503	1.8
733-1511	1.8
733-1513	1.8
733-1601	1.8
733-1603	1.8
733-1611	1.8
733-1613	1.8
733P0101	1.20
733P0103	1.20
733P0201	1.20
733P0203	1.20
733P0301	1.20
733P0303	1.20
733P0311	1.20
733P0313	1.20
733P0401	1.20
733P0403	1.20
733P0411	1.20
733P0413	1.20
733P0501	1.20
733P0503	1.20
733P0511	1.20
733P0513	1.20
733P1401	1.20
733P1403	1.20
733P1411	1.20
733P1413	1.20
733P1501	1.20
733P1503	1.20
733P1511	1.20
733P1513	1.20
733P1601	1.20
733P1603	1.20
733P1611	1.20
733P1613	1.20
734P0501	1.24
734P0503	1.24
734P0511	1.24
734P0513	1.24
735P0501	1.24
735P0503	1.24
735P0511	1.24
735P0513	1.24
736-0101	1.21
736-0103	1.21
736-0201	1.21
736-0203	1.21
736-0301	1.21
736-0303	1.21
736-0311	1.21
736-0313	1.21
736-0501	1.21
736-0503	1.21
736-0511	1.21
736-0513	1.21
736-0701	4.10
736-0702	1.21/4.10/4.15
736-0703	4.10
736-0704	1.21/ 4.10/4.15
736-0725	4.10
736-0726	4.10/4.15
736-0727	4.10
736-0728	4.10/4.15
736-0801	4.10
736-0802	1.21/ 4.10/4.16
736-0803	4.10
736-0804	1.21/4.10/4.16
736-1201	1.21
736-1203	1.21
736-1401	1.21
736-1403	1.21
736-1411	1.21
736-1413	1.21
736-1501	1.21
736-1503	1.21
736-1511	1.21
736-1513	1.21
736-1601	1.21
736-1603	1.21
736-1611	1.21
736-1613	1.21
736-1702	1.21
736-1704	1.21/4.15
736-1802	1.21
736-1804	1.21
737-0101	1.21
737-0103	1.21
737-0201	1.21
737-0203	1.21
737-0301	1.21
737-0303	1.21
737-0311	1.21
737-0313	1.21
737-0501	1.21
737-0503	1.21
737-0511	1.21
737-0513	1.21
737-0701	4.10
737-0702	1.21/4.10/4.15
737-0703	4.10
737-0704	1.21/ 4.10/4.15
737-0725	4.10
737-0726	4.10/4.15
737-0727	4.10
737-0728	4.10/4.15
737-0801	4.10
737-0802	1.21/4.10/4.16
737-0803	4.10
737-0804	1.21/ 4.10/4.16
737-1401	1.21
737-1403	1.21
737-1411	1.21
737-1413	1.21
737-1501	1.21
737-1503	1.21
737-1511	1.21
737-1513	1.21
737-1601	1.21
737-1603	1.21
737-1611	1.21
737-1613	1.21
737-1702	1.21/4.15
737-1704	1.21/4.15
737-1802	1.21
737-1804	1.21
740-0701	4.6
740-0702	4.6/4.15
740-0703	4.6
740-0704	4.6/4.15
740-0711	4.6
740-0713	4.6
740-0721	4.6
740-0723	4.6
740-0725	4.6
740-0726	4.6/4.15
740-0727	4.6
740-0728	4.6/4.15
740-0801	4.6
740-0802	4.6/4.16
740-0803	4.6
740-0804	4.6/4.16
740-1701	4.7
740-1702	4.7/4.15
740-1703	4.7
740-1704	4.7/4.15
740-1705	4.7
740-1707	4.7
740-1801	4.7
740-1802	4.7/4.17
740-1803	4.7
740-1804	4.7/4.17
740B0702	4.19
740B0704	4.19
740B0726	4.19
740B0728	4.19
740B0802	4.19
740B0804	4.19
740B1702	4.19
740B1704	4.19
740B1802	4.19
740B1804	4.19
740L0802	4.21
740L0804	4.21
740L1802	4.21
740L1804	4.21
740M0702	4.24
740M0704	4.24
740M0802	4.24
740M0804	4.24
740M1702	4.24
740M1704	4.24
740M1802	4.24
740M1804	4.24
741-0701	4.6
741-0702	4.6/4.15
741-0703	4.6
741-0704	4.6/4.15
741-0711	4.6
741-0713	4.6
741-0721	4.6
741-0723	4.6
741-0725	4.6
741-0726	4.6/4.15
741-0727	4.6
741-0728	4.6/4.15
741-0801	4.6
741-0802	4.6/4.16
741-0803	4.6
741-0804	4.6/4.16
741-1701	4.7
741-1702	4.7/4.15
741-1703	4.7
741-1704	4.7/4.15
741-1705	4.7
741-1707	4.7
741-1801	4.7
741-1802	4.7/4.17
741-1803	4.7
741-1804	4.7/4.17
741B0702	4.19
741B0704	4.19
741B0702	4.19

Numerical index
Índice numérico

Order No.	page pagina
741B0704	4.19
741B0726	4.19
741B0728	4.19
741B0802	4.19
741B0804	4.19
741B1702	4.19
741B1704	4.19
741B1802	4.19
741B1804	4.19
741L0802	4.21
741L0804	4.21
741L1802	4.21
741L1804	4.21
741M0702	4.24
741M0704	4.24
741M0802	4.24
741M0804	4.24
741M1702	4.24
741M1704	4.24
741M1802	4.24
741M1804	4.24
742-0701	4.13
742-0702	4.13/4.16
742-0703	4.13
742-0704	4.13/4.16
742-1701	4.13
742-1702	4.13/4.17
742-1703	4.13
742-1704	4.13/4.17
742-2701	4.12/4.13
742-2702	4.12/4.13
742-2702	4.16/4.17
742-2703	4.12/4.13
742-2704	4.12/4.13
742-2704	4.16/4.17
748-0211	4.12/4.12
748-0221	4.12/4.12
748-0311	4.12/4.12
748-0321	4.12/4.12
748-8211	4.12/4.17
748-8221	4.12/4.17
748-8222	4.16
748-8225	4.17
748-8311	4.1/4.17
748-8321	4.12/4.17
748-8322	4.16
748-8325	4.17
748-9211	4.16/4.17
748-9221	4.16/4.17
748-9311	4.16/4.17
748-9321	4.16/4.17
748L8211	4.23/4.23
748L8221	4.23/4.23
748L8222	4.23
748L8225	4.23
748L8311	4.23/4.23
748L8321	4.23/4.23
748L8322	4.23
748L8325	4.23
749-0210	4.12
749-0220	4.12
749-0310	4.12
749-0320	4.12
750-0410	4.12/4.12
750-8410	4.12/4.12
750-8410	4.15/4.15
752-0210	4.12
752-0310	4.12
756-1210	4.13
756-1220	4.13
756-1310	4.13
756-1320	4.13
757-8212	4.16/4.16
757-8312	4.15
758-8214	4.17
758-8314	4.16
759-1220	4.13
759-1320	4.13
760-0001	1.38
760-0002	1.38
760-0005	1.38
760-0014	1.38
760-0025	1.39/2.18
760-0030	1.39/2.18
760-0031	1.39/2.18
760-0055	5.14
760-0056	5.14
760-0057	5.14
760-0058	5.14
760-0060	6.8
760-0061	6.8 /8.23
760-0062	5.14
760-0062	5.18
760-0063	5.14
760-0063	5.18
760-0064	5.14
760-0065	5.14
760-0066	5.14
760-0067	5.14
760-0070	1.39/2.18
760-0071	1.28/2.18/ 5.14
760-0081	4.27/5.16
760-0084	4.27/5.16
760-0085	4.27/5.16
760-0086	4.27/5.16
760-0087	4.27/5.16
760-0088	4.27/5.16
760-0089	4.27/5.16
760-0614	1.38/2.19
760-0801	1.38/2.19
760-0802	1.38/2.19
760-0805	1.38/2.19
760-1026	1.32
760-1027	1.32
760-1028	1.32
760-1029	1.32
760-1030	1.32
760-1126	1.32
760-1167	1.32
760-2167	1.32
761-0101	3.6
761-0201	3.6
761-0301	3.6
761-0311	3.6
761-0501	3.6
761-0511	3.6
761-1126	1.32
761-1201	3.6
761-1401	3.6
761-1411	3.6
761-1501	3.6
761-1511	3.6
761-1601	3.6
761-1611	3.6
762-0101	3.6
762-0201	3.6
762-0301	3.6
762-0311	3.6
762-0501	3.6
762-0511	3.6
762-1126	1.32
762-1401	3.6
762-1411	3.6
762-1501	3.6
762-1511	3.6
762-1601	3.6
762-1611	3.6
763-0101	3.5
763-0103	3.5
763-0201	3.5
763-0203	3.5
763-0301	3.5
763-0303	3.5
763-0311	3.5
763-0313	3.5
763-0501	3.5
763-0503	3.5
763-0511	3.5
763-0513	3.5
763-1126	1.32
763-1201	3.5
763-1203	3.5
763-1401	3.5
763-1403	3.5
763-1411	3.5
763-1413	3.5
763-1501	3.5
763-1503	3.5
763-1511	3.5
763-1513	3.5
763-1601	3.5
763-1603	3.5
763-1611	3.5
763-1613	3.5
764-0101	3.5
764-0103	3.5
764-0201	3.5
764-0203	3.5
764-0301	3.5
764-0303	3.5
764-0311	3.5
764-0313	3.5
764-0501	3.5
764-0503	3.5
764-0511	3.5
764-0513	3.5
764-1401	3.5
764-1403	3.5
764-1411	3.5
764-1413	3.5
765-0101	3.9
765-0103	3.9
765-0201	3.9
765-0203	3.9
765-0301	3.9
765-0303	3.9
765-0311	3.9
765-0313	3.9
765-0501	3.9
765-0503	3.9
765-1201	3.9
765-1203	3.9
765-1401	3.9
765-1403	3.9
765-1411	3.9
765-1413	3.9
765-1501	3.9
765-1503	3.9
765-1601	3.9
765-1603	3.9
766-0101	3.9
766-0103	3.9
766-0201	3.9
766-0203	3.9
766-0301	3.9
766-0303	3.9
766-0311	3.9
766-0313	3.9
766-0501	3.9
766-0503	3.9
766-1401	3.9
766-1403	3.9
766-1411	3.9
766-1413	3.9
766-1501	3.9
766-1503	3.9
766-1601	3.9
766-1603	3.9
767-0101	3.11
767-0103	3.11
767-0201	3.11
767-0203	3.11
767-0501	3.11
767-0503	3.10
767-1201	3.11
767-1203	3.10
768-0103	3.10
768-0203	3.10
769-0203	3.10
769-0303	3.10
773-0703	4.11
773-0802	4.16
773-0803	4.11
773-0804	4.11/4.16
773-1703	4.11
773-1704	4.11
773-1802	4.17
773-1803	4.11
773-1804	4.11/4.17
773L0802	4.22
773L0804	4.22
773L1802	4.22
773L1804	4.22
774-0703	4.11
774-0802	4.16
774-0803	4.11
774-0804	4.11/4.16
774-1703	4.11
774-1704	4.11
774-1802	4.17
774-1803	4.11
774-1804	4.11/4.17
774L0802	4.22
774L0804	4.22
774L1802	4.22
774L1804	4.22
775-0703	4.9
775-0803	4.9
775-0804	4.9/4.16
775-1703	4.9
775-1704	4.9/4.17
775-1803	4.9
775-1804	4.9/4.17
776-0703	4.9
776-0803	4.9
776-0804	4.9/4.16
776-1703	4.9
776-1704	4.9/4.17
776-1803	4.9
776-1804	4.9/4.17
779-0101	2.9
779-0103	2.9
779-0201	2.9
779-0203	2.9
779-0301	2.9
779-0303	2.9
779-0311	2.9
779-0313	2.9
779-0401	2.9
779-0403	2.9
779-0411	2.9
779-0413	2.9
779-0501	2.9
779-0503	2.9
779-0511	2.9
779-0513	2.9
779-1211	2.9
779-1213	2.9
779-1401	2.9
779-1403	2.9
779-1411	2.9
779-1413	2.9
779-1501	2.9
779-1503	2.9
779-1511	2.9
779-1513	2.9
779-1601	2.9
779-1603	2.9
779-1611	2.9
779-1613	2.9
780-0101	2.9
780-0103	2.9
780-0201	2.9
780-0203	2.9
780-0301	2.9
780-0303	2.9
780-0311	2.9
780-0313	2.9
780-0401	2.9
780-0403	2.9
780-0411	2.9
780-0413	2.9
780-0501	2.9
780-0503	2.9
780-0511	2.9
780-0513	2.9
780-1201	2.9
780-1203	2.9
780-1211	2.9
780-1213	2.9
780-1401	2.9
780-1403	2.9
780-1411	2.9
780-1413	2.9
780-1501	2.9

Numerical index
Índice numérico

Order No.	page pagina
780-1503	2.9
780-1511	2.9
780-1513	2.9
780-1601	2.9
780-1603	2.9
780-1611	2.9
780-1613	2.9
785-0101	2.11
785-0103	2.11
785-0201	2.11
785-0203	2.11
785-0301	2.11
785-0303	2.11
785-0311	2.11
785-0313	2.11
785-0501	2.11
785-0503	2.11
785-0511	2.11
785-0513	2.11
785-1201	2.11
785-1203	2.11
785-1401	2.11
785-1403	2.11
785-1411	2.11
785-1413	2.11
785-1501	2.11
785-1503	2.11
785-1511	2.11
785-1513	2.11
785-1601	2.11
785-1603	2.11
785-1611	2.11
785-1613	2.11
786-0101	2.11
786-0103	2.11
786-0201	2.11
786-0203	2.11
786-0301	2.11
786-0303	2.11
786-0311	2.11
786-0313	2.11
786-0501	2.11
786-0503	2.11
786-0511	2.11
786-0513	2.11
786-1401	2.11
786-1403	2.11
786-1411	2.11
786-1413	2.11
786-1501	2.11
786-1503	2.11
786-1511	2.11
786-1513	2.11
786-1601	2.11
786-1603	2.11
786-1611	2.11
786-1613	2.11
787-0101	2.8
787-0103	2.8
787-0201	2.8
787-0203	2.8
787-0301	2.8
787-0303	2.8
787-0311	2.8
787-0313	2.8
787-0501	2.8
787-0503	2.8

Order No.	page pagina
787-0511	2.8
787-0513	2.8
787-1201	2.8
787-1203	2.8
787-1211	2.8
787-1213	2.8
787-1401	2.8
787-1403	2.8
787-1411	2.8
787-1413	2.8
787-1501	2.8
787-1503	2.8
787-1511	2.8
787-1513	2.8
787-1601	2.8
787-1603	2.8
787-1611	2.8
787-1613	2.8
788-0101	2.8
788-0103	2.8
788-0201	2.8
788-0203	2.8
788-0301	2.8
788-0303	2.8
788-0311	2.8
788-0313	2.8
788-0501	2.8
788-0503	2.8
788-0511	2.8
788-0513	2.8
788-1211	2.8
788-1213	2.8
788-1401	2.8
788-1403	2.8
788-1411	2.8
788-1413	2.8
788-1501	2.8
788-1503	2.8
788-1511	2.8
788-1513	2.8
788-1601	2.8
788-1603	2.8
788-1611	2.8
788-1613	2.8
791-0101	3.12
791-0103	3.12
791-0201	3.12
791-0203	3.12
791-0301	3.12
791-0303	3.12
791-0501	3.12
791-0503	3.12
791-1201	3.12
791-1203	3.12
791-1401	3.12
791-1403	3.12
791-1501	3.12
791-1503	3.12
791-1601	3.12
791-1603	3.12
792-0101	3.12
792-0103	3.12
792-0201	3.12
792-0203	3.12
792-0301	3.12
792-0303	3.12
792-0501	3.12

Order No.	page pagina
792-0503	3.12
792-1401	3.12
792-1403	3.12
792-1501	3.12
792-1503	3.12
792-1601	3.12
792-1603	3.12
795-0103	3.13
795-0203	3.13
795-0503	3.13
795-1203	3.13
796-0103	3.13
796-0203	3.13
796-0303	3.13
797-0203	3.13
860-0100	4.26
860-0200	4.26
860-0400	4.26
860N0100	4.26
860N0200	4.26
860N0400	4.26
870-0100	4.25
870-0200	4.25
870-0400	4.25
875-0100	4.25
875-0200	4.25
875-0400	4.25
870N0100	4.26
870N0200	4.26
870N0400	4.26
875-0100	4.26
875-0200	4.26
875-0400	4.26
875N0100	4.26
875N0200	4.26
875N0400	4.26
880-0100	4.4
880-0200	4.4
880-0400	4.4
880N0100	4.4
880N0200	4.4
880N0400	4.4
885-0100	4.4
885-0200	4.4
885-0400	4.4
885N0100	4.4
885N0200	4.4
885N0400	4.4
890-0100	4.5
890-0200	4.5
890-0400	4.5
890N0100	4.5
890N0200	4.5
890N0400	4.5
895-0100	4.5
895-0200	4.5
895-0400	4.5
895N0100	4.5
895N0200	4.5
895N0400	4.5
900-1007	1.40/9.22
900-1008	1.40/9.22
900-1104	9.19
900-1107	9.19
900-1122	9.18
900-1126	9.18
900-1127	9.18

Order No.	page pagina
900-1128	9.18
900-1210	9.21
900-1211	9.21
900-1318	9.21
900-2000	8.34
900-2001	8.34
900-2002	8.34
900-2003	8.34
900-2012	8.34
900-2016	8.34
900-2017	8.34
900-2018	8.34
900-2110	8.34
900-2115	8.34
950-0001	10.8
950-0002	10.8
950-0100	10.9
950-0107	10.9
950-0115	10.9
950-0121	10.9
950-0123	10.9
950-0210	10.8
950-0213	1.34/10.8
950-0220	10.8
950-0232	1.28/10.8
950-0233	1.28/10.8
950-0240	1.29
950-0333	10.9
950-0993	10.9
1099-8000	7.6
1101A2306	7.4
1101A2308	7.4
1101A2310	7.4
1199-0000	7.5
1199-0002	7.5
1199-0006	7.5
1199-0007	7.5
1199-0008	7.5
1199-0015	7.5
1199-1040	7.5
2880-0100	4.4
2880-0200	4.4
2880-0400	4.4
2880N0100	4.4
2880N0200	4.4
2880N0400	4.4
2890-0100	4.5
2890-0200	4.5
2890-0400	4.5
2890N0100	4.5
2890N0200	4.5
2890N0400	4.5
A167-1239	8.3
A167-1326	8.4
A167-1439	8.3
A167-1633	8.4
A167-1639	8.3
A167M1326	8.5
A169-1239	8.3
A169-1439	8.3
A169-1639	8.3
C501-0815	1.9/9.14
C501-0826	1.9
C501-0828	1.9/9.9
C501-1842	1.9/9.13
C706-0842	1.8
C706-0843	1.8

Order No.	page pagina
C706-0847	1.8
C706-0848	1.8
C706-0857	1.8
C706-0858	1.8
C706-0862	1.8
C706-0863	1.8
C706-1078	1.7
C706-1079	1.7
C706-1080	1.7
C706-1081	1.7
C706-1082	1.7
C706-1083	1.7
C706-1084	1.7
C706-1085	1.7
C706-1086	1.24
C706-1087	1.24
C706-1088	1.24
C706-1089	1.24
C706-1090	1.24
C706-1091	1.24
C706-1092	1.24
C706-1093	1.24
C706-6000	1.23
C706-6001	1.23
C706-6002	1.23
C706-6003	1.23
C706-6004	1.23
C706-6005	1.23
C706-6006	1.23
C706-6007	1.23
C706-6008	1.23
C706-6009	1.23
C706-6010	1.23
C706-6011	1.23
C706-6012	1.23
C706-6013	1.23
C706-6014	1.23
C706-6015	1.23
C706-6016	1.23
C706-6017	1.23
C706V6000	1.23
C706V6001	1.23
C706V6002	1.23
C706V6003	1.23
C706V6004	1.23
C706V6005	1.23
C706V6006	1.23
C706V6007	1.23
C706V6008	1.23
C706V6009	1.23
C706V6010	1.23
C706V6011	1.23
C706V6012	1.23
C706V6013	1.23
C706V6014	1.23
C706V6015	1.23
C706V6016	1.23
C706V6017	1.23
C707-3025	1.9
C707-3026	1.9
C707-3027	1.14
C707-6025	1.9
C707-6026	1.9
C707-6027	1.14
C730-0101	1.7
C730-0103	1.7
C730-0201	1.7

Numerical index
Índice numérico

Order No.	page pagina
C730-0203	1.7
C730-0311	1.7
C730-0313	1.7
C730-0501	1.7
C730-0503	1.7
C730-0511	1.7
C730-0513	1.7
C730-1201	1.7
C730-1203	1.7
C730-1411	1.7
C730-1413	1.7
C731-0101	1.7
C731-0103	1.7
C731-0201	1.7
C731-0203	1.7
C731-0311	1.7
C731-0313	1.7
C731-0501	1.7
C731-0503	1.7
C731-0511	1.7
C731-0513	1.7
C731-1411	1.7
C731-1413	1.7
C732-0101	1.8
C732-0103	1.8
C732-0201	1.8
C732-0203	1.8
C732-0311	1.8
C732-0313	1.8
C732-0401	1.8
C732-0403	1.8
C732-0411	1.8
C732-0413	1.8
C732-0501	1.8
C732-0503	1.8
C732-0511	1.8
C732-0513	1.8
C732-1201	1.8
C732-1203	1.8
C732-1411	1.8
C732-1413	1.8
C733-0101	1.8
C733-0103	1.8
C733-0201	1.8
C733-0203	1.8
C733-0311	1.8
C733-0313	1.8
C733-0401	1.8
C733-0403	1.8
C733-0411	1.8
C733-0413	1.8
C733-0501	1.8
C733-0503	1.8
C733-0511	1.8
C733-0513	1.8
C733-1411	1.8
C733-1413	1.8
C736-0101	1.22
C736-0103	1.22
C736-0201	1.22
C736-0203	1.22
C736-0311	1.22
C736-0313	1.22
C736-0501	1.22
C736-0503	1.22
C736-0511	1.22
C736-0513	1.22

Order No.	page pagina
C736-1201	1.22
C736-1203	1.22
C736-1411	1.22
C736-1413	1.22
C737-0101	1.22
C737-0103	1.22
C737-0201	1.22
C737-0203	1.22
C737-0311	1.22
C737-0313	1.22
C737-0501	1.22
C737-0503	1.22
C737-0511	1.22
C737-0513	1.22
C737-1411	1.22
C737-1413	1.22
C950-0023	1.29
C950-1006	1.28/10.8
G706-0700	3.2
G706-0701	3.2
G706-0705	3.2
G706-0706	3.2
G706-0710	3.2
G706-0711	3.2
G706-0715	3.2
G706-0716	3.2
G706-0720	3.2
G706-0721	3.2
G706-0725	3.2
G706-0726	3.2
G706-0735	3.3
G706-0736	3.3
G706-0740	3.3
G706-0741	3.3
G706-0745	3.3
G706-0746	3.3
G706-0759	3.3
G706-0760	3.3
G706-0762	3.3
G706-0763	3.3
G706-0765	3.3
G706-0766	3.3
G761-0101	3.3
G761-0103	3.3
G761-0201	3.3
G761-0203	3.3
G761-0301	3.3
G761-0303	3.3
G761-0311	3.3
G761-0313	3.3
G761-0401	3.3
G761-0403	3.3
G761-0411	3.3
G761-0413	3.3
G761-0501	3.3
G761-0503	3.3
G761-0511	3.3
G761-0513	3.3
G761-1201	3.3
G761-1203	3.3
G761-1401	3.3
G761-1403	3.3
G761-1411	3.3
G761-1413	3.3
G761-1501	3.3
G761-1501	3.3
G761-1503	3.3

Order No.	page pagina
G761-1511	3.3
G761-1513	3.3
G761-1601	3.3
G761-1603	3.3
G761-1611	3.3
G761-1613	3.3
G762-0101	3.3
G762-0103	3.3
G762-0201	3.3
G762-0203	3.3
G762-0301	3.3
G762-0303	3.3
G762-0311	3.3
G762-0313	3.3
G762-1401	3.3
G762-1403	3.3
G762-1411	3.3
G762-1413	3.3
G763-0101	3.2
G763-0103	3.2
G763-0201	3.2
G763-0203	3.2
G763-0301	3.2
G763-0303	3.2
G763-0311	3.2
G763-0313	3.2
G763-0501	3.2
G763-0503	3.2
G763-0511	3.2
G763-0513	3.2
G763-1201	3.2
G763-1203	3.2
G763-1401	3.2
G763-1403	3.2
G763-1411	3.2
G763-1413	3.2
G763-1501	3.2
G763-1503	3.2
G763-1511	3.2
G763-1513	3.2
G763-1601	3.2
G763-1603	3.2
G763-1611	3.2
G763-1613	3.2
G764-0101	3.2
G764-0103	3.2
G764-0201	3.2
G764-0203	3.2
G764-0301	3.2
G764-0303	3.2
G764-0311	3.2
G764-0313	3.2
G764-1401	3.2
G764-1403	3.2
G764-1411	3.2
G764-1413	3.2
K702-0501	2.17
K702-0503	2.16/ 2.17
K722-0503	2.16
L702-0101	2.17
L702-0103	2.17
L702-0201	2.17
L702-0203	2.17
L703-0103	2.16
L723-0103	2.16
L773-2503	2.15
L775-2503	2.14

Order No.	page pagina
M702-1201	2.17
M702-1203	2.16
M722-1203	2.16
M740-1201	2.12
M740-1203	2.12
M770-1201	2.13
M773-3203	2.15
M773-3503	2.15
M773-3603	2.15
M775-3203	2.14
M775-3303	2.14
M775-3503	2.14
M775-3513	2.14
M775-3603	2.14
M775-3613	2.14
N704-0203	2.16
N704-0303	2.16
N704-0313	2.16
N724-0203	2.16
N724-0303	2.16
N724-0313	2.16
N741-0151	2.12
N741-0153	2.12
N741-0251	2.12
N741-0253	2.12
N741-0351	2.12
N741-0353	2.12
N741-0361	2.12
N741-0363	2.12
N741-0371	2.13
N741-0381	2.13
N741-0501	2.12
N741-0503	2.12
N741-0511	2.12
N741-0513	2.12
N771-0101	2.13
N771-0201	2.13
N771-0301	2.13
N771-0311	2.13
N771-0501	2.13
N771-0511	2.13
N774-2103	2.15
N774-2203	2.15
N774-2313	2.15
N776-2103	2.14
N776-2203	2.14
N776-2303	2.14
N776-2313	2.14
O703-0203	2.16
O703-0303	2.16
O703-0313	2.16
O723-0203	2.16
O723-0303	2.16
O723-0313	2.16
O740-0151	2.12
O740-0153	2.12
O740-0251	2.12
O740-0253	2.12
O740-0351	2.12
O740-0353	2.12
O740-0361	2.12
O740-0363	2.12
O740-0371	2.13
O740-0381	2.13
O740-0501	2.12
O740-0503	2.12
O740-0511	2.12

Order No.	page pagina
O740-0513	2.12
O770-0101	2.13
O770-0201	2.13
O770-0301	2.13
O770-0311	2.13
O770-0501	2.13
O770-0511	2.13
O773-2103	2.15
O773-2203	2.15
O773-2313	2.15
O775-2103	2.14
O775-2203	2.14
O775-2313	2.14
P704-0303	2.16
P704-0313	2.16
P724-0303	2.16
P724-0313	2.16
P740-1451	2.12
P740-1453	2.12
P740-1461	2.12
P740-1463	2.12
P740-1501	2.12
P740-1503	2.12
P740-1511	2.12
P740-1513	2.12
P740-1601	2.12
P740-1603	2.12
P740-1611	2.12
P740-1613	2.12
P770-1401	2.13
P770-1411	2.13
P770-1501	2.13
P770-1511	2.13
P770-1601	2.13
P770-1611	2.13
P773-3413	2.15
P775-3403	2.14
P775-3413	2.14
Q703-0303	2.16
Q703-0313	2.16
Q723-0303	2.16
Q723-0313	2.16
Q741-1451	2.12
Q741-1453	2.12
Q741-1461	2.12
Q741-1463	2.12
Q741-1501	2.12
Q741-1503	2.12
Q741-1511	2.12
Q741-1513	2.12
Q741-1601	2.12
Q741-1603	2.12
Q741-1611	2.12
Q741-1613	2.12
Q771-1401	2.13
Q771-1411	2.13
Q771-1501	2.13
Q771-1511	2.13
Q771-1601	2.13
Q771-1611	2.13
Q774-3413	2.15
Q776-3403	2.14
Q776-3413	2.14

Copyright 2013, edition 09/2013
Reprinting, photocopy, recording and processing by means of electronical systems, even partially, without written consent of Bernhard Förster GmbH is not allowed.

Copyright: 2013, edizione 09/2013
La riproduzione in qualsiasi forma anche elettronica del contenuto del presente catalogo, totale o parziale, è vietata salvo autorizzazione scritta di Bernhard Förster GmbH.

FORESTADENT®
GERMAN PRECISION IN ORTHODONTICS

Headquarters • Casa madre

FORESTADENT (Germany)

Bernhard Förster GmbH
Westliche 151
75172 Pforzheim
Telefon: ++49 (0) 7231 459-0
Telefax: ++49 (0) 7231 459-102
E-mail: info@forestadent.com
Internet: http://www.forestadent.com

In the interest of technical improvement, we reserve the right to make changes to the design, dimensions, colour and material of our products.

It is prohibited to make copies of this catalogue or parts thereof without our explicit consent.

International addresses • Indirizzi internazionali

FORESTADENT USA

2315 Weldon Parkway
St. Louis, Missouri 63146
Phone +1 31 48 78 59 85
Toll free +1 800 721 49 40
Fax +1 31 48 78 76 04
E-mail: info@forestadentusa.com

In the interest of technical improvement, we reserve the right to make changes to the design, dimensions, colour and material of our products.

It is prohibited to make copies of this catalogue or parts thereof without our explicit consent.

FORESTADENT Ltd. (United Kingdom)

21 Carters Lane
Kiln Farm
Milton Keynes, Bucks. MK 11 3HL
Phone: +44 1908568922
Fax: +44 1908560611
E-mail: info@forestadent.co.uk

In the interest of technical improvement, we reserve the right to make changes to the design, dimensions, colour and material of our products.

It is prohibited to make copies of this catalogue or parts thereof without our explicit consent.

FORESTADENT S.A.R.L. (France)

5, rue Jacques Peirotes
F-67000 Strasbourg
Tél.: +33 388356725
Fax: +33 388250366
E-mail: forestadent@wanadoo.fr

Sous réserve d'améliorations et/ou de modifications sur le plan de la construction, des couleurs, des dimensions et des matériaux des appareils et matériels.

Interdiction de reproduire ce catalogue – ou des extraits – sans notre autorisation expresse.

FORESTADENT (España)

Oficina Barcelona:
Avda Diagonal 427-1º-2º
08036 Barcelona
Tel. + 34 93 215 30 61
Fax. + 34 93 215 96 38
E-mail: forestadent.bcn@forestadent.es

Oficina Madrid:
General Rodrigo 6
Edificio Germania, 7ª Planta
E-28003 Madrid
Tel. directo: +34 915 34 55 53
Tel. oficina: +34 915 33 16 17
Fax: +34 915 33 15 67
E-mail: forestadent@forestadent.es

En el transcurso del desarrollo continuado, nos reservamos el derecho de introducir mejoras y modificaciones de construcción, dimensiones, color y materiales, tanto en aparatos como en materiales.

Queda prohibida la reproducción del catálogo – incluso en forma de extracto – sin nuestro consentimiento expreso. También traducciones específicas.

FORESTADENT

Bernhard Förster GmbH
Westliche Karl-Friedrich-Straße 151
75172 Pforzheim · Germany

P.O. Box 660
75106 Pforzheim · Germany

Phone +49 (0) 72 31/459-0
Fax +49 (0) 72 31/459 102

E-mail: info@forestadent.com
http://www.forestadent.com

FORESTADENT Ltd. (UK)

Unit 4 · Pineham Farm · Haversham
Milton Keynes MK19 7DP
Buckinghamshire

Tel.: +44 1 908 227 851
Fax: +44 1 908 320 029

E-Mail: info@forestadent.co.uk

FORESTADENT USA

2315 Weldon Parkway
St. Louis, Missouri 63146

Phone +1 31 48 78 59 85
Toll free +1 800 721 49 40
Fax +1 31 48 78 76 04

E-mail: info@forestadentusa.com

FORESTADENT®
GERMAN PRECISION IN ORTHODONTICS